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AQUEDUCT

City Comptroller
Jan 27 1911

MINUTES

OF THE

AQUEDUCT COMMISSIONERS.

1894.

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AQUEDUCT COMMISSION.

NOTE.—On Wednesday, January 3, 1894, no quorum being present, the meeting stood adjourned.

J. C. LULLEY, Secretary.

NOTE.—On Wednesday, January 10, 1894, no quorum being present, the meeting stood adjourned.

J. C. LULLEY, Secretary.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Monday, January 15, 1894, at 2 o'clock P. M.

Present—The Mayor, the Comptroller (Hon. Ashbel P. Fitch), the Commissioner of Public Works and Commissioners Scott and Cannon.

The President and Vice-President being absent, on motion of Commissioner Scott, the Mayor was selected to act as Chairman of the meeting.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9275 to 9285, inclusive, amounting to $753.86, and in Vouchers Nos. 9288 to 9295, inclusive, amounting to $128; also of estimates contained in Vouchers Nos. 9299 to 9304, inclusive, amounting to $77,287.74, and of bill contained in Voucher No. 9305, amounting to $655.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer:

NEW YORK, January 2, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—I have asked two parties, Messrs. George Juengst & Sons, of Croton Falls, N. Y., and Messrs. Skinner & Connolly, of Yonkers, N. Y., to give me a price for the furnishing of valves, nuts, wrenches and appurtenances, in accordance with a certain plan furnished. The same to be put in place on the set of stop-planks in the Croton Dam Gate-house by our own machinists.

Messrs. Skinner & Connolly, of Yonkers, offer to deliver the work for.....	$72 00
Messrs. George Juengst & Sons, of Croton Falls, offer to deliver the work for.....	73 75

I respectfully ask that authority be given me to order the above-mentioned work from the lowest bidders, Messrs. Skinner & Connolly, of Yonkers, N. Y.

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That authority is hereby given to the Chief Engineer to order the work of furnishing bolts, nuts, wrenches and appurtenances, to be placed on the set of stop-planks at the Croton Dam Gate-house, from Skinner & Connolly, of Yonkers, N. Y., at their bid of seventy-two dollars ($72), it being the lowest bid received.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging the following persons, on the dates hereinafter named, be and hereby is approved :

James McCartney, Mason, December 19.
John L. McCartney, Laborer, December 19.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence, from January 18 to April 15, 1894, without pay, be and hereby is granted to G. Bonanno, Draughtsman, and until he shall be assigned to duty by the Chief Engineer.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment :

1st. Of Machwirth & Smith, for replacing parts of slate roof and copper gutters injured by fall of rock at the New Croton Gate-house, amounting to one hundred and eleven dollars and eighty-two cents.

2d. Of I. Terwilliger, for pine planks used in abating nuisances near the New Croton Dam, amounting to four dollars and twenty cents.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Samuel Hopkins for transportation between New York and Croton Lake, and for board at Croton

Lake, amounting to $52.99, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment:

1st. Of P. C. Archer, for moving barn near the New Croton Dam, which was necessary for sanitary reasons, amounting to one hundred dollars;

2d. Of D. W. H. Ransom, for use of yoke of oxen three days in leveling ground from which barn was moved, amounting to eight dollars.

On motion of Commissioner Cannon, the same was adopted.

The Committee also presented the following communications:

NEW YORK, January 13, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—In view of the communication of his Honor the Mayor to President Duane, dated January 3, 1894, and as no meeting of the Aqueduct Commissioners took place since, I thought it proper to send to each employee of the Engineer Corps above the grade of common Laborer the accompanying communication through each Division or Assistant Engineer in charge.

Hoping that this action will meet with your approval,

I am, respectfully,

A. FTELEY, Chief Engineer.

A. FTELEY, Chief Engineer.

CHIEF ENGINEER'S OFFICE—AQUEDUCT COMMISSIONERS,
ROOM 213, STEWART BUILDING,
NEW YORK, January 10, 1894.

DEAR SIR—I inclose herewith a copy of a circular letter recently issued by the Mayor to the several Departments of the City Government. The subject of the letter will, I am sure, commend itself to you.

I understand that it is the desire of the Commissioners that whatever contributions be made in response to this letter be based on a uniform percentage of monthly compensation, and that one per cent. per month for the months of January, February and March of the salaries for those months respectively is considered a reasonable proportion.

You will understand that you are not asked to contribute any sum whatever, but that if you wish to do so, it is the desire of the Commissioners that your contribution per month be made on the basis above mentioned.

Such contributions as you desire to make can be transmitted to me through your Division Engineer.

Yours, very truly,

A. FTELEY, Chief Engineer.

CITY OF NEW YORK—OFFICE OF THE MAYOR,
January 3, 1894.

Hon. JAMES C. DUANE, *President*, New York:

DEAR SIR—I need not call your attention to the deplorable condition of thousands of our fellow-citizens, who are unable to find employment owing to the prevailing condition of financial depression. The effect of this condition upon business and manufacturing has been so severely felt that even those so fortunate as to retain employment can only do so at reduced wages and not on full time.

The ordinary resources of honest, wage-earning thousands are entirely cut off, and the imminent danger of hardship and suffering among them calls for prompt and well-considered measures of relief, involving the co-operation of all of their more fortunately situated fellow-men. Among the latter, those employed by the City in all Departments may undoubtedly be classed. They have suffered no loss of work, no reduction of pay. Their money is always ready for them promptly. I deem it my duty to call upon the heads of all City Departments to initiate a system under which every one employed by the City may contribute to the extent of his ability and willingness, a proportion of his income for the next two or three months, the proceeds of such a system of contributions to be distributed through recognized relief agencies, so as to do the greatest possible amount of good.

The Committee appointed to act with the Mayor in distributing among the relief agencies the money raised in this way consists of Comptroller Ashbel P. Fitch, Commissioner Francis M. Scott, County Clerk Henry D. Purroy and President H. H. Porter.

This Committee will co-operate with the one appointed by the Hon. Seth Low at the conference of representatives of all the charitable societies.

Very respectfully,

THOMAS F. GILROY, Mayor.

On motion of Commissioner Cannon, the action of the Chief Engineer was approved.

On motion of Commissioner Scott, the Secretary was instructed to send a similar communication to the employees of the Commission under his charge.

The Committee also presented the following communication, received from the Chief Engineer, and recommended that the action of the Chief Engineer as therein set forth be approved:

NEW YORK, January 9, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—On March 29, 1893, you requested me to confer with the Engineer of Construction of the Department of Public Parks in relation to the changes contemplated in the blow-off apparatus near Shaft No. 25, on account of the proposed construction of a highway along the Harlem river. I was also requested to report to the Committee the result of my conferences with the Park Department Engineer.

Mr. Kellogg, Engineer of Construction, submitted to me a few days ago a plan with the request that I should pass judgment on the same as soon as possible, in view of the expected immediate action of the Park Commissioners in regard to the subject.

I consequently thought it proper, with the advice of Commissioner Scott, to send this day to Mr. Kellogg the following communication:

NEW YORK, January 9, 1894.

Mr. M. A. KELLOGG, *Engineer of Construction, Department Public Parks:*

DEAR SIR—I received a few days ago your plan showing the proposed construction of the second part of the Speedway and of its sidewalk in the vicinity of our gate-house at Shaft No. 25 and

of the blow-off at the bottom of the cliff. After an examination of these plans, and after conferring with yourself, I desire to say that the plans of your Department meet with the views of the Aqueduct Commissioners, and that they will not object to its construction as shown thereon.

It is understood that the Aqueduct Commissioners will furnish and lay such pipes as would be necessary to continue the present lines with the exception of the last two pipes of each line, which the Park Department will place in the crib-work forming the river side of the Speedway. The arch work over the pipes in the bottom would be done by the Department of Public Parks. As to the roof of the blow-off gate-house, which requires removal and special treatment, it is understood that the Park Commissioners would make it the subject of a special contract, the plans for which would be prepared for them by the Aqueduct Commissioners.

Yours truly,

(Signed) A. FTELEY, Chief Engineer.

The plan which I respectfully submit herewith shows that the blow-off gate-house is not disturbed with the exception of the roof, which will form a part of the sidewalk of the new highway.

The Speedway proper passes in front of the present gate-house at about the heighth of the arch of the present gateway.

The important point was to do as little blasting as possible, and this has been kept in view by the Engineer of the Park Department, who promises me besides that all the removal of rock will be specified to be done with very small charges of explosives.

I am, respectfully,

A. FTELEY, Chief Engineer.

On motion of Commissioner Scott, the recommendation was approved, and the Chief Engineer was directed to communicate with the Park Department and request that a clause be inserted in the contract for the doing of the above work authorizing the Aqueduct Commissioners to select a person to inspect it, especially that part of it which is connected with the changes to be made in the pipe system and in the blow-off gate-house and machinery.

The Committee also presented the following report, and recommended its adoption :

NEW YORK, January 15, 1894.

To the Construction Committee of the Aqueduct Commission :

GENTLEMEN—At a meeting of the Construction or Executive Committee, held on December 13, 1893, the following preamble and resolution was adopted :

"Whereas, The Secretary has reported to this Committee the death of Charles J. Febre, late Bookkeeper in the Secretary's office ;

"Resolved, That a Special Committee of two be appointed by the President to inquire into and report upon the organization and distribution of work in the Secretary's office, and that until such Special Committee shall report, no successor to Mr. Febre be appointed."

"The President then appointed as such Special Committee, Commissioners Scott and Cannon."

Your Committee have made a careful examination into the subject thus referred to them, and have orally examined the Secretary and the several employees in his office, as to the duties now performed by them respectively.

We find that the organization of the Secretary's office at present is substantially the same that it was during the construction of the Aqueduct proper, when work was in progress under a large number of separate contracts, and the Aqueduct Commission employed a very large engineering force.

The situation has changed very much recently, and the work under the direction of the Commission, while of little less magnitude and of no less importance, is carried on under comparatively few contracts, and is supervised and directed by a much reduced Engineer Corps.

The present Secretary was appointed in March, 1892. At that time much of the work in the office was largely in arrears, owing to the demands that had been, for a very long time, made upon the clerical force to furnish books, documents and data for the use of the Counsel retained by the City to defend the actions brought by the Aqueduct contractors. During the past eighteen months, however, the work of catching up with these arrears has been so vigorously prosecuted that the Secretary's office is now practically up to date with its work.

The present office force, with the names and salaries of the present incumbents of the several positions, is as follows :

Secretary, J. C. Lulley	$4,000 00
Auditor, Ernest A. Wolff	2,500 00
Purveyor, William W. Proctor	2,000 00
Bookkeeper (vacant)	1,800 00
Stenographer, Edward L. Allen	1,650 00
Clerk, Jefferson Groub	1,500 00
Clerk, Herrmann Blumenthal	1,500 00
Typewriter, Frank H. Warder	1,200 00
Axeman, detailed to act as Messenger, Henry A. Cantor	720 00
Skilled Laborer, temporarily detailed to Secretary's office, Thomas J. McNamara	1,248 00
Making a total pay-roll of	$18,118 00

The Secretary, Mr. Lulley, has been in the employ of the Commission since April, 1886, acting as Auditor until March, 1892, and since that time as Secretary. He is, as all the members of the Commission can testify, extremely diligent, alert and attentive to his duties, which he has uniformly performed most satisfactorily. He acts as Secretary of the Commission and of the Committee on Construction ; has care and custody of all maps, plans, vouchers, contracts, books and other documents, and generally is the executive and responsible head of the clerical force of the Commission. It is proposed, as will hereafter be seen, to add somewhat to his responsibilities and authority.

The by-laws provide that the Auditor shall have, under the Committee of Finance and Audit and the Secretary, the care and custody of all accounts and books of accounts, vouchers, documents and papers pertaining to the financial affairs of the Commissioners, and shall correctly keep the Books of Account of the Commissioners, and shall carefully examine and consider all accounts, vouchers and claims for or against the Commissioners ; and shall certify and report the same to the Committee of Finance and Audit, for its consideration, approval and report to the Commissioners, and shall act as Secretary to said Committee, unless the Committee shall select some other employee or one of their own number to act as Secretary, and shall perform all other duties as directed by said Committee or the Commissioners.

As a matter of fact, nearly all of the duties of this position have recently been performed by the Bookkeeper, the Auditor's duties having been scarcely more than to sign vouchers and pay-rolls, and to attend the weekly meetings of the Committee of Finance and Audit, even the minutes of which Committee have been actually kept by the Bookkeeper.

Doubtless in the earlier days of the Commission the duties of the Auditor were much more onerous than they have been of late, and perhaps the salary attached to the position was not then too large.

However that may be, your Committee have no hesitation in reporting that the Auditor should hereafter be charged with the duty of keeping the books of account, as well as of examining and

considering all accounts, vouchers and claims against the Commission, certifying and reporting the same to the Secretary, who, in turn, shall audit them and certify them to the Commission. We think also that the Auditor should no longer act as Secretary to the Committee of Finance and Audit, but that that duty should be performed by the Secretary of the Commission. Both Mr. Lulley, the Secretary, and Mr. McNamara, who, during the illness of, and since the death of, Mr. Febre, has acted as Bookkeeper, assure your Committee that, in their opinion, the same person, if a competent accountant, can perform as well the duties of Auditor as those of Bookkeeper.

Your Committee believe that the duties heretofore charged upon the Auditor and Bookkeeper should hereafter be performed by one person, and that the salary of the Auditor should be reduced, for the present at least, to $1,500 per annum.

Mr. Wolff, the present Auditor, who is not a skilled bookkeeper, has relieved the Commission from any possible embarrassment in making the change proposed by handing your Committee his resignation, to take effect upon its acceptance.

The duties attached to the office of Purveyor are to purchase all materials of any kind required by the Aqueduct Commissioners.

While the Aqueduct proper was in process of construction, the duties and responsibilities of this position were much greater than they are at present. Since the passage of what is known as the "Weekly Payment Law," the Purveyor has acted as Paymaster of the Commission, a duty which occupies him for at least three days each week. The Committee make no recommendation as to this office except to report a provision making the Purveyor more clearly than at present under the direction of the Secretary, so that he may be assigned, as occasion may require, to the performance of clerical duties.

Mr. Allen, Stenographer and General Clerk, has been with the Commission almost from the beginning, having been appointed in October, 1885. Of late he has acted practically as Assistant to the Secretary, although that position has nominally been filled by the Auditor.

Your Committee recommend that Mr. Allen be formally designated as Stenographer and Assistant to the Secretary, and that in view of the added responsibilities and long and satisfactory services, his salary be increased to $1,800 a year.

Mr. Groub, Mr. Blumenthal and Mr. Warder have all been in the employ of the Commission for long periods; have performed and still perform useful service in a wholly satisfactory manner, and your Committee have no changes in their duties to recommend at present.

Mr. McNamara, who has for some months been employed in the Secretary's office, under detail from the Engineer Corps, has, as already has been said, fulfilled the duties of Bookkeeper during the illness of Mr. Febre and since his death. He is a good penman, and has had considerable experience as bookkeeper and accountant. Your Committee recommend that he be appointed Auditor upon the acceptance of the resignation of Mr. Wolff, at the reduced salary of $1,500 per annum.

Your Committee wish to take this opportunity to commend the manner in which the books and records of the Commission are kept, and also to express their appreciation of the frankness and alacrity with which all the employees in the Secretary's office have met the Committee's inquiries and suggestions.

Your Committee append hereto, as a part of this report, the following schedules, viz.:

Schedule 1—A table showing the present composition and compensation of the Secretary's force, and the composition and compensations recommended by your Committee, by which it will be seen that the recommendations of your Committee, if adopted, will result in a saving of $3,898 per annum, without impairing the efficiency of the office.

Schedule 2—A series of resolutions so framed as to carry into effect the recommendations of your Committee.

Schedule 3—Rules and regulations for the guidance of the employees of the Secretary's office.

Your Committee has consulted Mr. John J. Tucker, Vice-President of the Commission and Chairman of the Committee of Finance and Audit, and are authorized to say that he heartily concurs in and approves of the reorganization of the clerical force of the Commission as above outlined.

All of which is respectfully submitted.

H. W. CANNON.
FRANCIS M. SCOTT.

Dated NEW YORK, January 15, 1894.

SCHEDULE I.

TITLE.	NAME.	PRESENT SALARY.	PROPOSED SALARY.
Secretary	J. C. Lulley	$4,000 00	$4,000 00
Purveyor	W. W. Proctor	2,000 00	2,000 00
Bookkeeper	(Vacant)	1,800 00	.....
Stenographer	Edward L. Allen	1,650 00	1,800 00
Clerk	Jefferson Groub	1,500 00	1,500 00
Clerk	H. Blumenthal	1,500 co	1,500 00
Typewriter	Frank H. Warder	1,200 00	1,200 00
Axeman	Henry A. Cantor	720 00	720 00
Skilled laborer	T. J. McNamara	1,248 00	.....
Auditor (now)	Ernest A. Wolff	2,500 00	.....
Auditor (to be)	T. J. McNamara	.....	1,500 00
Total present pay-roll		$18,118 00	
Total proposed pay-roll		.....	$14,220 00
Saving per annum		$3,898 00	

SCHEDULE 2.

Resolved, That the resignation of Ernest A. Wolff, as Auditor of this Commission, be accepted, to take effect on the 31st day of January, 1894.

Resolved, That the salary of the Auditor from and after the 1st day of February, 1894, be and the same hereby is fixed at the sum of fifteen hundred dollars per annum.

Resolved, That Thomas J. McNamara be and hereby is appointed Auditor to the Aqueduct Commission; said appointment to take effect on the 1st day of February, 1894.

Resolved, That no appointment be made of a Bookkeeper in place of Charles J. Febre, deceased.

Resolved, That Edward L. Allen, the Stenographer of the Commission, shall, in addition to the duties now performed by him, act as assistant to the Secretary, and, in the absence of the Secretary, shall perform the duties and exercise the powers and authority of the Secretary.

Resolved, That the salary of the said Edward L. Allen, Stenographer, acting as assistant to the Secretary, be and the same hereby is fixed at the sum of eighteen hundred dollars per annum, from and after the 1st day of February, 1894.

Resolved, That it shall be the duty of the Secretary to supervise and direct the clerical force of the Commission, and he shall have power to designate and assign the duties to be performed by every Clerk and other employee of his office. He shall keep a record of the proceedings of all stated and special meetings of the Aqueduct Commission, and of the several committees thereof, and, subject to the direction of the Commission and its committees, shall have the care and custody of all maps, plans, contracts, vouchers, reports to the Commissioners and other documents and papers or copies thereof on file in the office of the Commission, and of the furniture and other property of the Commission in use in the office of the Commissioners, except such as are necessarily in the care and custody of the Chief Engineer or members of the Engineer Corps. It shall be his duty to see that the records and books of account of the Commission and its committees are properly and accurately kept, and he shall examine and consider all accounts, vouchers and claims for and against the Commissioners, and shall certify the same before they are presented to the Committee of Finance and Audit for its consideration and approval. He shall also perform such other duties as he shall, from time to time, be directed by the Aqueduct Commission or any committee thereof.

Resolved, That it shall be the duty of the Auditor, under the direction and supervision of the Secretary, to correctly keep the books of account of the Aqueduct Commission, and to carefully examine, consider and audit all accounts, vouchers and claims for or against the Commission, and to report the same to the Secretary for certification to the Committee of Finance and Audit. He shall perform such other duties as may be assigned to him by the Secretary.

The same was adopted by the following vote :

Affirmative—The Mayor, the Comptroller, the Commissioner of Public Works, and Commissioners Scott and Cannon—5.

In connection with the above report the Committee presented the following communication, and recommended that the same be spread on the minutes and filed :

NEW YORK, January 2, 1894.

To the Aqueduct Commissioners :

GENTLEMEN—I herewith present my resignation as Auditor, to take effect at the pleasure of the Commissioners.

Yours, respectfully,

ERNEST A. WOLFF.

On motion of Commissioner Scott, the recommendation was approved.

The Committee also presented the following by-laws and rules of order :

BY-LAWS AND RULES OF ORDER OF THE AQUEDUCT COMMISSIONERS.

Commissioners—Thomas F. Gilroy, Mayor ; Ashbel P. Fitch, Comptroller ; Michael T. Daly, Commissioner of Public Works ; James C. Duane, John J. Tucker, Francis M. Scott, Henry W Cannon.

James C. Duane, President.
John J. Tucker, Vice-President.
J. C. Lulley, Secretary.

Standing Committees.

Committee of Finance and Audit—John J. Tucker, Chairman ; Francis M. Scott, Henry W. Cannon. Meets every Wednesday at 2.45 P. M.

Committee on Construction—James C. Duane, Chairman; Thomas F. Gilroy, Mayor; Ashbel P. Fitch, Comptroller; Michael T. Daly, Commissioner of Public Works; John J. Tucker, Francis M. Scott, Henry W. Cannon. Meets every Wednesday at 2.45 P. M.

ARTICLE I.

Meetings.

Section 1. Meetings of the Commissioners—The meetings of the Commissioners shall be held at the office of the Aqueduct Commissioners in the City of New York, unless otherwise ordered.

Quorum.

A majority of the Aqueduct Commissioners shall constitute a quorum for the transaction of business; and the affirmative vote of four of the Commissioners shall be required for the adoption of any resolution or action by the Commission. Rules of order for the transaction of business at the meetings shall be adopted and observed.

Stated meetings.

Sec. 2. Stated meetings of the Commissioners—Stated meetings of the Commissioners shall be held on Wednesday of each week, at 3 o'clock P. M., except during the months of July, August and September, when the hour of meeting shall be at 2 o'clock P. M., of which meetings no notice shall be necessary.

Special meetings.

Sec. 3. Special meetings of the Aqueduct Commissioners may be held at any time and place, on the assemblage of all the Commissioners.

How called.

Special meetings may also be held on the written call and notice of the President; or, in his absence, the Vice-President, or a majority of said Commissioners. A copy of such call and notice must be personally served upon each Commissioner whose name is not signed thereto, or a copy of the same must be left at or mailed to his residence or place of business, twenty-four hours before the time named for said meeting in said call and notice.

ARTICLE II.

OFFICERS AND EMPLOYEES OF THE COMMISSIONERS.

The officers and employees of the Aqueduct Commissioners shall be as follows:

President and Vice-President.

Section 1. A President and Vice-President, who shall be elected from said Commissioners, and the official term of each shall be until the first stated meeting of the Commissioners in January of the year next succeeding the time of his election, and until his successor shall be elected.

Secretary, Auditor

Sec. 2. A Secretary, an Auditor, a Purveyor and Property Clerk, and as many Clerks, Messengers and other employees in the general office of the Commissioners as they may deem necessary. Their respective terms of office shall be during the will and pleasure of the said Commissioners. They shall be appointed and their salaries shall be fixed by said Commissioners.

Chief Engineer, etc.

Sec. 3. A Chief Engineer, and such Division and Assistant Engineers and such other Engineers and employees for the Engineer Corps as the Aqueduct

How appointed.

Commissioners may deem necessary. They shall be appointed and their salaries shall be fixed by the said Commissioners, and their terms of office shall be during the will and pleasure of said Commissioners.

Executive session.

Sec. 4. An executive session or council of the Commissioners shall be held at any time on the request of the President or a majority of any committee, or of three of the Commissioners; but no determination or

conclusion of the Commissioners at such council shall be valid or of binding effect until approved or adopted by a majority vote of the Commissioners in open session.

ARTICLE III.

COMMITTEES.

Election of.

There shall be the following standing committees, who shall be elected from said Commissioners annually on the second Wednesday of January.

Quorum.

A majority of each of said committees shall constitute a quorum for the transaction of business and the exercise of their powers as a committee.

Finance and Audit.

Section 1. A Committee of Finance and Audit, consisting of three Commissioners, who shall have the supervision of all vouchers, accounts and books of account, and all pay-rolls of the officers and employees of the Commission and of other financial matters of the Commission, and who shall audit and report to the Board all expenditures by and claims against the Commission, and who shall also examine, consider and report upon all other matters referred to it by the Commissioners, and shall report weekly to them its actions and proceedings. The general office of the Commission and the officers and employees therein shall be under their care and direction.

Organization of.

The Committee shall organize by the election of its Chairman and the adoption of all necessary rules for the transaction of business, and the Secretary of the Commission shall be its Secretary, unless the Committee shall select one of their own number or some other employees of the Commission to act as Secretary.

Committee on Construction.

Sec. 2. A Committee on Construction, consisting of all the members of the Commission, which shall be an Executive Committee of the Aqueduct Commissioners, with full power of direction and supervision over the work of construction, and over the Engineers, officers, and employees engaged therein, and the officers and property in their charge, subject, however, to the authority and direction of the Aqueduct Commissioners at all times.

Orders of.

The orders of said Committee, through the Chief Engineer, shall be observed and obeyed by the members of the Engineer Corps; and said

Power of.

Committee shall have the power to suspend any Engineer or employee of said Corps, but such suspension and the reason therefor shall be reported to the Aqueduct Commissioners, and be subject to their final direction in the premises.

Organization of.

Said Committee shall organize by the appointment of a Chairman, and shall adopt necessary rules for the transaction of its business. The Secretary of the Commission shall be its Secretary. Three members of said Committee shall constitute a quorum, and the concurrent vote of a majority of the members of the Committee present shall be necessary for the adoption of any resolution. Said Committee shall examine, consider and report upon all other matters referred to it by the Commissioners, and shall report to them weekly its actions and proceedings through its Chairman.

The Committee on Construction shall have the charge and supervision of the maps, plans, contracts and other documents and papers relating to real estate taken or purchased, or proposed to be taken or purchased, under the law, for aqueduct purposes; and said Committee shall represent the Aqueduct Commissioners with the Commissioner of Public Works and the Counsel to the Corporation, in the details of all applications and proceedings instituted or proposed to be instituted, under the law for the taking of lands

for aqueduct purposes; and after the City of New York has become seized in fee, or otherwise, of any real estate by purchase or proceedings at law, said Committee shall have the charge and supervision of the same, and of the contracts, conveyances, maps and other papers or documents, or copies thereof, relating thereto, and a full record of the same shall be kept in books provided for that purpose; and said Committee shall represent and care for the interests of said Aqueduct Commissioners and the City of New York in regard to the use and occupation of said lands, and the assessment, levy and payment of taxes upon the portions of the same not lying within the limits of the City and County of New York; subject at all times to the direction of the Aqueduct Commissioners in regard to such charge and supervision, and all action of the said Committee in the premises.

Sec. 3. The work under the charge and authority of the Aqueduct Commission shall be divided into as many districts or divisions as may now be, or hereafter may be provided by resolution of the Aqueduct Commission.

Each district or division shall be under the charge and supervision of a Division or Assistant Engineer, subject to the order and direction of the Chief Engineer.

ARTICLE IV.

DUTIES OF OFFICERS.

President.

Section 1. The President shall be the chief executive officer of the Commission, and shall preside at all meetings of the Commissioners when present, and direct and conduct the proceedings. He may at all times communicate with the Commissioners orally or in writing in regard to any matters connected with the work and duties of the Commission that he shall deem important, and shall sign all contracts, leases, orders or other papers, as the President of the Commissioners, when so authorized and directed by he Commissioners, and may call any special meeting of the Commissioners.

When he may sign contracts, eases, etc.

Whenever the President shall sign any contract, lease or other document or paper in his official capacity, it shall be attested by the Secretary; and he shall perform such other duties as shall be authorized or assigned to him by the Commissioners, consistent with his position as the President of the Commission.

Attested.

Vice-President.

Sec. 2. The Vice-President shall act, in case of the absence or inability of the President, with the same power and effect as the President.

Secretary.

Sec. 3. It shall be the duty of the Secretary to supervise and direct the clerical force of the Commission, and he shall have power to designate and assign the duties to be performed by every clerk and other employee of his office. He shall keep a record of the proceedings of all stated and special meetings of the Commissioners, and, subject to the direction of the Commission and its Committees, shall have the care and custody of all maps, plans, contracts, books, vouchers, reports to the Commissioners, and other documents and papers or copies thereof on file in the office of the Commission; and of the furniture and other property of the Commission in use in the office of the Commissioners, excepting such as are necessarily in the care and custody of the Chief Engineer or members of the Engineer Corps. It shall be his duty to see that the records and books of account of the Commission and its Committees are properly and accurately kept, and he shall examine and consider all accounts, vouchers and claims for and against the

Commissioners, and shall certify the same before they are presented to the Committee of Finance and Audit for its consideration and approval. He shall also perform such other duties as he shall from time to time be directed by the Aqueduct Commission or any Committee thereof.

Auditor.

Sec. 4. It shall be the duty of the Auditor, under the direction and supervision of the Secretary, to correctly keep the books of account of the Aqueduct Commission, and to carefully examine, consider and audit all accounts, vonchers and claims for or against the Commission, and to report the same to the Secretary for certification to the Committee of Finance and Audit. He shall perform such other duties as may be assigned to him by the Secretary.

Purveyor and Property Clerk.

Sec. 5. It shall be the duty of the Purveyor and Property Clerk to purchase, upon requisition, all materials of any kind required by the Aqueduct Commission, except such as may be purchased by the Chief Engineer under the direction of the Commission or the Committee on Construction. He shall also perform such other duties as may from time to time be assigned to him by the Commission or the Secretary.

Assistant to the Secretary.

Sec. 6. The Aqueduct Commission shall have power to designate any member of the clerical force to act as Assistant to the Secretary, and, in the absence of the Secretary, to perform his duties and exercise his powers and authority.

ARTICLE V.

ENGINEER CORPS.

Engineer Corps.

Section 1. The Engineer Corps of the Aqueduct Commissioners, its organization, and the officers and employees thereof, shall be at all times subject to the general orders and directions of the Aqueduct Commissioners and the Committee on Construction, and be governed by such rules and regulations as they may from time to time establish for the government of the Engineer Corps, and for the care of the property of the Commission; and all positions in said Corps are held at the pleasure of said Commissoners.

What to consist of.

Sec. 2. The Engineer Corps shall consist of the following officers and employees, whose relative rank shall be:

1. Chief Engineer.
2. Division Engineers.
3. Assistant Engineers.
4. Junior Assistant Engineers.
5. Transitmen and Levelers.
6. Draughtsmen.
7. Rodmen.
8. Chainmen.
9. Superintendents of Dam Construction.
10. Axemen.
11. Janitors, Overseers and Messengers.
12. Watchmen. Drivers, Laborers and others in a subordinate capacity.

THE CLERICAL FORCE.

1. Chief Clerk to the Chief Engineer.
2. Assistant Clerks.

Chief Engineer.

Sec. 3. Duties of the Chief Engineer.—The Chief Engineer is the head and chief of the Engineer Corps, and his orders as such shall be observed and obeyed by all in the corps. He is responsible directly to the Aqueduct Commissioners for the design and execution of all the engineering plans and

When to report.

construction work of the Commission. He shall report at least once a week the progress, condition and requirements of the work to the Committee on

Duties of.

Construction. He must direct all surveys; supervise all construction work, monthly measurements and estimates; certify all estimates for payments on contract or other work, all bills and accounts for expenditures of the Engineer Corps, and perform such other duties incident to his office as shall be assigned to him by said Commissioners. He shall have, under the direction of the Committee on Construction, the general charge and custody of, and be accountable for, the property and premises of every kind in use by the Engineer Corps of the Commission, and special charge of the Engineer's offices in New York, and of all records, maps and plans and property

Power of.

therein. He shall have power to suspend any Engineer or employee in the Corps for cause, or whenever the services of such Engineer or employee are no longer required for the work of the Commission, and shall immediately report to the Commissioners every such suspension and his reasons therefor.

Report to Committee on Construction.

The Chief Engineer may report to the Committee on Construction any matter upon which he desires advice or direction; and said Committee is hereby authorized, in the exercise of their judgment, to counsel the Chief Engineer in the matter or to report to the Commissioners the facts in the case, with such recommendations as it shall deem proper in the premises.

RULES OF ORDER.

President to preside.

First—The President shall preside at all meetings of the Commissioners, and direct and conduct the proceedings. In case of his absence the Vice-President shall act in his place. In case of the absence of both of said officers, the Commissioners shall appoint a President pro tem. for that meeting, or until the appearance of the President or Vice-President.

Secretary.

When the Secretary is not present at any meeting, the Commissioners shall appoint a Secretary pro tem. for that meeting, or until the Secretary appears.

May substitute.

Second—The President or Vice-President may substitute any other member to preside in his place, but such substitution shall not continue beyond the meeting at which it shall be made.

Vote required.

The affirmative vote of not less than four Commissioners in favor of any resolution or proposition before the Commissioners shall be required for its adoption, except as provided in Rule 10.

Third—The order of business at every stated meeting (except where otherwise especially ordered) shall be as follows:

FIRST.

Order of business.

Reading the minutes of the previous stated meeting and any special meeting held since the last stated meeting, and consideration of the same by the Commissioners. The reading of the minutes may be dispensed with by unanimous consent of the members of the Commission present.

SECOND.

Reports of Standing Committees :

1. Reports of Committee of Finance and Audit.
2. Reports of Committee on Construction.

THIRD.

Reports of Special Committees.

FOURTH.

1. Reports from the President.
2. Reports from the Chief Engineer.
3. Reports from the Commissioner of Public Works.
4. Reports from the Comptroller.
5. Reports from the Secretary.

FIFTH.

Commnnications to the Aqueduct Commissioners received and considered.

SIXTH.

Unfinished business from the table.

SEVENTH.

New business.

How referred. Upon the presentation of any of the foregoing business that requires reference to any standing committee, or requires filing, the President shall order the same so referred or filed, unless the Commissioners shall otherwise direct.

How suspend. The regular order of business may be suspended at any time by a vote of a majority of the Commissioners present.

Special meeting. Fourth—At any special meeting of the Commissioners, the presiding officer shall state the special matter to be considered at such meeting, and

Special matters. no other than such special matters shall be considered at such meeting except by the unanimous consent of the Commissioners present.

Resolutions. Fifth—Resolutions offered at any meeting shall be reduced to writing by the mover, if requested by the President or two Commissioners, and shall not be considered until seconded by one of the Commissioners other than the mover.

Motions. Sixth—Motions to refer, to lay on the table, to adjourn, shall always be in order ; and, except the motion to refer, shall be taken without debate. It shall require a vote of two-thirds of the Commissioners present to order the previous question.

Executive Session, when adjourned into. A call or motion to adjourn into executive session or council shall be in order only when no other question or motion is before the Commissioners for consideration.

Ayes and noes. All votes of the Commissioners at any meeting shall be taken by ayes and noes, at the request of any Commissioner, and shall preclude further debate, after the beginning of the roll-call.

Vote. Seventh—Every member who shall be present when a question is put, shall vote for or against the same, unless excused by a majority vote of the Commissioners.

Reconsider. Eighth—A motion to reconsider a vote or resolution of the Commissioners may be made by any member who voted with the majority at the same meeting, or at the next succeeding stated meeting.

When may speak more than twice. Ninth—No member shall speak more than twice on the same question without leave by a majority of the Commissioners present, nor more than once until every member choosing to speak shall have spoken; nor shall any Commissioner speak more than ten minutes at any one time upon any subject under consideration, unless by consent of a majority of the Commissioners present.

Floor. Every member, previous to his speaking upon any question under debate, shall rise and address the President, and if two or more members rise at one time, the President shall designate which is entitled to the floor.

Questions of order. Tenth—All questions of order and parliamentary usage shall be decided by the Presiding Officer subject to appeal to the Commissioners. Such appeal cannot be debated when the decision relates to indecorum or the transgression of the rules of speaking or the priority of business, or made while the previous question is pending.

Presiding Officer. The Presiding Officer may state his reasons for his decision before the question is put on the appeal. The form of appeal shall be as follows: "Shall the decision of the Chair stand as the decision of the Commissioners?" and if not affirmed by a majority of the Commissioners present, the decision of the Chair shall be reversed. The Presiding Officer shall be entitled to vote on the question.

Cushing's Manual. Questions of order and parliamentary usage not covered by these rules shall be decided by the Presiding Officer and the Commissioners in accordance with Cushing's Manual of Parliamentary Practice.

May repeal, amend or suspend. The Commission may, at any stated meeting, upon notice given at a previous stated meeting, repeal, amend or suspend any By-Law or Rules of Order.

On motion of Commissioner Scott, the same were ordered spread upon the minutes and laid on the table for consideration at the next stated meeting.

The Comptroller, under date of December 30, 1893, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners, for

Cornell Dam	$358 25
Reservoir "I"	9,699 87
Reservoir "D"	6 87
Reservoir "M"	10,605 54

—leaving a balance to the credit of "Additional Water Fund" of $232,110.56.

Which was ordered entered upon the books of the Commission and filed.

The Commissioners then adjourned.

J. C. LULLEY, Secretary.

NOTE—On Wednesday, January 17, 1894, no quorum being present, the meeting stood adjourned.

J. C. LULLEY, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, January 24, 1894, at 3 o'clock P. M.

Present—The Commissioner of Public Works, and Commissioners Duane, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9307 to 9317, inclusive, amounting to $428.08.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of James McCartney for sixty-nine days' use of horse and wagon, tools, etc., and sundry small expenses, all of which were incurred in work on the lower district of the New Aqueduct, amounting to one hundred and nine dollars and seventy-two cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment :

1st. Of N. W. Jaycox, for lumber and labor for constructing fire-proof vault at Katonah N. Y., amounting to two hundred and sixty-nine dollars and eighty-five cents

2d. Two of Kellogg & Elliott, for labor, lumber, hardware, and other building materials used in the construction of the fire-proof vault at Katonah, N. Y., amounting to one hundred and ninety-nine dollars and eighty-four cents.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills of John Schlachter for extra work not included in his contract for building an office at the New Croton Dam, amounting to one hundred and sixty-three dollars and forty-five cents and seventy dollars, respectively, are hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills of Coldwell-Wilcox Company, for iron braces and iron posts furnished for use on the upper and lower districts of the New Aqueduct, amounting to sixty-seven dollars and twenty cents and forty-nine dollars, respectively, are hereby approved, and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer, in employing the following persons to assist in abating nuisances near the New Croton Dam, on January 16, 1894, and discharging said persons on January 20, 1894, be and hereby is approved :

Henry Bailey, Foreman	$2 50 per day.
James Healey, Laborer	2 00 "
James Adams, Laborer	2 00 "

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by John L. Merritt, contractor, for an extension of time for the completion of his contract for cutting timber and clearing grounds of Reservoir "M," near Purdy's Station, in the Town of North Salem, Westchester County, N. Y., to April 1, 1894, and the Chief Engineer having recommended that such extension of time be granted ; therefore,

Resolved, That the Aqueduct Commissioners hereby grant to John L. Merritt, contractor, an extension of time to April 1, 1894, in which to complete the contract above referred to, providing his bondsmen shall, within ten days from the date hereof, enter into stipulations continuing their obligations for and during the completion of said contract under said extension of time, which is hereby allowed to him as further time for the performance of said contract ; and provided also that said contractor will stipulate and agree, in consideration of this extension, that he will waive all claim for damage whatsoever, on account of the raising of the water in the reservoir that the Commissioners or their Engineer may order, or for such injury or damage as may be caused by the action of the elements, and that if any damage or loss be occasioned by such cause, he will waive all claim for compensation on account of damage, loss of time, or on account of other losses which he may suffer by reason of the rising of said water.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works, and Commissioners Duane, Scott and Cannon—4.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, January 24, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—I transmitted to you a few days ago the plan submitted by the Engineer of Construction of the Park Department, showing the work that they propose to do in connection with the new driveway along the Harlem river in the vicinity of Shaft No. 25. I now hear that there is some probability that the plan of the proposed driveway is to be changed in such a way as to interfere more seriously with the works under your charge.

Such being the case, I would ask you to give me renewed authority to confer with the authorities of the Park Department in regard to the requirements of the case.

I am, respectfully,

A. FTELEY, Chief Engineer.

On motion of Commissioner Scott, the President was requested to address a communication to the Park Department asking that no change in the present plans for the construction of said driveway in the vicinity of Shaft No. 25 of the New Aqueduct be adopted without consultation with the Aqueduct Commissioners and their Chief Engineer in regard to the same.

The Committee also recommended the adoption of the following resolution :

Resolved, That, on account of ill health, a leave of absence from February 1 to April 15, 1894, be and hereby is granted to the Chief Engineer of this Commission.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That during the absence of the Chief Engineer the following Division Engineers are hereby designated to perform all the duties and to be vested with all the powers of Chief Engineer, with the title of Acting Chief Engineer, during the several periods set opposite their names, respectively, to wit :

Alfred Craven, during the month of February.

Charles S. Gowen, during the month of March.

E. Wegmann, Jr., during the month of April or until the return of the Chief Engineer.

Resolved, That while temporarily performing the duties and exercising the powers of Chief Engineer, each of said Division Engineers is expected to consult freely by mail or otherwise with the Chief Engineer.

On motion of Commissioner Scott, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Town of North Salem, Westchester County, N. Y., School District No. 2, amounting to ninety-nine dollars and eighty-five cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Village of North Tarrytown, Westchester County, N. Y., amounting to twenty-seven dollars and seventy cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Town of Mount Pleasant, Westchester County, N. Y., amounting to fourteen dollars and sixty-one cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Town of Elmsford, Westchester County, N. Y., School District No. 9, amounting to seventeen dollars and twenty-five cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Secretary presented an abstract of trial balance, showing the expenditures of the Aqueduct Commission from its inception to December 30, 1893.

On motion of Commissioner Scott, the same was received and ordered spread on the minutes, as follows :

Abstract of Trial Balance, December 30, 1893.

Commissioners' Office.		
Salaries of Commissioners	$244,602 07	
Salaries of Secretary and employees	146,579 04	
Stationery	4,124 37	
Furniture and fixtures	3,367 76	
Rent	41,941 20	
Incidental expenses	6,935 47	
Books, maps and drawings	746 05	
Traveling expenses	1,647 42	
Advertising	29,693 29	
Stenographic reports	4,334 29	
		$483,970 96
Chief Engineer's Office.		
Salaries of Engineers, etc	$494,288 24	
Stationery	4,768 18	
Furniture and fixtures	6,622 69	
Rent	48,912 55	

Incidental expenses	$8,630 95	
Books, maps and drawings	21,482 12	
Consulting Engineer's fees	100 00	
Drawing instruments, tables and materials	4,296 24	
Testing machines and tests	8,211 81	
		$597,312 78
Tarrytown Office.		
Salaries of Engineers	$57,692 24	
Stationery	1,180 41	
Furniture and fixtures	750 25	
Rent	6,600 00	
Incidental expenses	4,227 91	
Books, maps and drawings	92 81	
Drawing instruments, tables and materials	1,127 78	
Laborers on the line	2,703 17	
Drivers and Laborers	19,989 03	
Field instruments and implements	8,776 99	
Traveling expenses	4,081 33	
Harness and stable fittings	2,051 20	
Maintenance—Horses and wagons	11,122 82	
Horses	3,573 00	
Wagons	1,518 00	
Hire of horses and wagons	2,138 25	
		127,625 19
Division Engineers.		
Salaries of Engineers and Laborers, old account	$154,834 84	
" " new account	1,515,528 49	
Stationery	6,931 31	
Furniture and fixtures	5,081 17	
Rent	26,460 63	
Incidental expenses	14,379 93	
Books, maps and drawings	87 97	
Drawing instruments, tables and materials	3,341 74	
Field instruments and implements	18,487 02	
Traveling expenses	7,961 24	
Harness and stable fittings	2,173 61	
Maintenance—Horses and wagons	17,468 02	
Horses	3,110 00	
Wagons	2,551 00	
Heating headquarters	10,284 27	
Hire of horses and wagons	1,256 25	

Testing machines and tests	$3,037 50	
Laborers on the line	15 75	
Auxiliary offices	3,887 12	
		$1,796,877 86
Croton Lake Survey.		
Salaries of Engineers and Laborers	$39,620 04	
Incidental expenses	17 34	
Field instruments and implements	583 16	
Traveling expenses	340 92	
Hire of horses and wagons	130 25	
Maintenance—Horses and wagons	51 60	
Rent	24 00	
Harness and stable fittings	45	
Drawing instruments, tables and materials	1 00	
		40,768 76
New Reservoir Survey.		
Salaries—Engineers and Laborers	$9,588 00	
Drawing instruments, tables and materials	25 68	
Field instruments and implements	434 31	
Furniture and fixtures	6 38	
Traveling expenses	8 54	
Stationery	3 91	
Incidental expenses	52 06	
		10,118 88
Sodom Dam Survey.		
Salaries—Engineers and Laborers	$7,072 68	
Maintenance—Horses and wagons	2 00	
Field instruments and implements	86 49	
Hire of horses and wagons	50 75	
Incidental expenses	44 98	
Stationery	1 50	
Traveling expenses	47 10	
		7,305 50
Surveying Dam Sites.		
Salaries of Engineers and Laborers	$34,968 18	
Stationery	33 30	
Hire of horses and wagons	102 00	
Field instruments and implements	103 75	
Heating headquarters	6 93	
Furniture and fixtures	37 50	
Traveling expenses	635 12	

Drawing instruments, tables and materials	$7 80	
Incidental expenses	726 08	
Maintenance—Horses and wagons	793 95	
Rent	815 70	
Books, maps and drawings	8 00	
		$38,238 31
Principal Assistant Engineer, New York Office.		
Heating headquarters	$9 25	
Stationery	59 06	
Furniture and fixtures	36 24	
Incidental expenses	53 36	
		157 91
Aqueduct Commissioners' Report, 1883–1887	$8,901 51	
Aqueduct Commissioners' Report, 1887–1892	27 98	
Engraving and printing	27,230 39	
Reports of Engineers and Aqueduct Commissioners on Quaker Bridge Dam	1,473 16	
Reports of Engineers on High Masonry Dam	490 75	
Construction damages	689 50	
Claims for damages	2,438 50	
Taxes on lands	13,729 66	
Land agents	1,168 65	
Diamond rock-boring drills	156,885 79	
Diamond rock borings	7,077 42	
Monumenting the line	3,712 98	
Monumenting Sodom Dam Survey	1,546 72	
Monumenting Aqueduct Tunnel—Division Engineer	143 72	
Models	1,355 43	
Observatory towers	1,805 95	
Judgments	31,297 92	
Land and land damages	60,739 82	
Examination of ventilation and lighting	1,306 36	
Examining Engineers	11,041 82	
Board of Experts, etc., Quaker Bridge Dam	12,550 00	
Experts examining construction work	11,926 16	
Experts on water-gates and other machinery	210 00	
Inspection of cast-iron pipes, etc.	8,414 30	
East Branch Reservoir, incidental expenses	165 00	
Abating nuisances in the Croton water-shed	12,160 04	
Incidental surveying expenses	57 55	
		378,547 08

Contracts.

	Estimate.	Contractor.	
Section 1	Final.	Smith & Brown	$649,964 62
" 2	"	Brown, Howard & Co	2,493,664 38
" 3	"	"	1,838,247 04
" 4	"	"	1,807,819 50
" 5	"	"	812,370 91
" 6	"	O'Brien & Clark	748,852 97
" 7	"	"	1,783,419 68
" 8	"	"	1,457,678 22
" 9	"	"	1,924,161 07
" B	"	Heman Clark	1,516,572 46
" A	"	"	1,105,840 58
" 12	"	Chas. Peterson, assignee of O'Brien & Clark	140,182 91
" 12	36...	O'Brien & Clark	401,740 13
" 13	Final.	John Brunton & Co	427,641 42
" 14	"	"	647,869 75
" 15	"	Richard A. Malone	156,358 20
" 15½	"	Robert Hanna & Co	27,416 82
" 16	"	O'Brien & Clark	1,213,220 54
" 17	"	Richard J. Malone	37,621 69
East Branch Reservoir Dam	....	Sullivan, Rider & Dougherty	436,499 05
Dams 1 and 2, and adjacent tunnel	....	David R. Paige & Co	329,798 04
Deepening and finishing Shaft No. 24	Final.	O'Brien & Clark	91,904 59
Iron-lined masonry Aqueduct near Shaft 30	"	Breuchaud, Pennell & Co	69,369 20
Stop-cock valves, etc., on Section 15	"	Coldwell, Wilcox & Co	19,649 53
Gate-house superstructure, etc., at Pocantico	"	John Peirce	21,727 92
Shaft 13A, Section 7	"	O'Brien & Clark	22,963 40
" 13½, " 7	"	"	18,093 69
" 15½, " 7	"	John A. Lee	15,412 90
One Hundred and Thirty-fifth Street Gate-house doors, windows, etc., Section 15	"	Charles W. Palmer	6,935 00
Cast-iron work, wrought-iron work, etc., New Croton Gate-house, Section 1	"	Coldwell, Wilcox & Co	16,057 02
Highways or roads, etc., at East Branch and Bog Brook Reservoirs	"	Clinton Stephens	90,851 69
Gate-house superstructure walls for blow-off chamber at Ardsley, Section 7	"	O'Brien & Clark	4,900 00
Cutting timber and clearing grounds, East Branch and Bog Brook Reservoirs	"	Pennell & O'Hern	8,975 00

	ESTIMATE.	CONTRACTOR.		
22.2' x 5' sluice-gates, etc., Sections 15 and 17	Final.	John Fox	$14,190 00	
3' x 4' sluice-gates, etc., Pocantico, Ardsley and South Yonkers Gate-houses, Sections 4, 7 and 9	"	"	6,750 00	
3' x 6' sluice-gates, etc., New Croton Gate-house, Section 1	"	"	21,900 00	
Earth and masonry dam, Reservoir "M," on Titicus river, near Purdy's Station	....	Washburn, Shaler & Washburn	726,472 66	
Gate-house superstructure at South Yonkers, Section 9	Final.	O'Brien & Clark	20,349 79	
Gate-house superstructure, etc., for new gate chambers at Croton Dam, Section 1	....	Smith, Brown & Coleman	51,783 01	
Combined stationary hoisting engines, etc., for Shaft 25, Section 12	Final.	Charles Peterson	11,250 00	
Two pairs horizontal tubular boilers, etc., Shaft 25, Section 12	"	West Point Manufacturing Company	11,500 00	
Earth and masonry dam, Reservoir "D"	....	Michael S. Coleman	127,039 74	
Earth and masonry dam, Reservoir "D"	....	Coleman & Washburn & Washburn, assignees of Michael S. Coleman.	79,637 45	
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	....	Michael S. Coleman	57,480 99	
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	....	Coleman & Washburn & Washburn, assignees of Michael S. Coleman.	17,103 71	
Eleven head-house superstructures, etc., for the shafts	Final.	Breuchaud, Pennell & Co	40,251 28	
Blow-off Shaft 24, Section A	....	John M. Waddle	1,644 91	
" 24, " A	....	John F. Gaynor, assignee of John M. Waddle	19,557 43	
" 24, " A	....	New York Central and Hudson River Railroad Company	491 84	
Two complete portable hoisting plants	Final.	West Point Manufacturing Company	7,800 00	
Highway, retaining-walls, appurtenances, etc., Croton Dam	....	Augustine M. Newton	16,717 09	
Grading, improving and fencing grounds, One Hundred and Thirty-fifth Street Gate-house.	....	Peter J. Moran	9,564 77	
Grading, improving and fencing grounds at several of the shafts	....	Hyman Levy & Thomas Quinn	22,374 14	
Head-house and engine-room superstructure, etc., Shaft 25, Section 12	....	John Pierce, assignee of W. H. Baker.	35,482 94	
Two brick engine-houses for the portable hoisting plants	....	John Twiname	9,546 00	
New Croton Dam	....	James S. Coleman	278,606 96	
Fencing the boundary of the East Branch Reservoir	....	John E. Brooks	10,647 73	
Highways or roads and their appurtenances, etc., at Reservoir "D"	....	Peter J. Moran	3,083 52	
Highways or roads and their appurtenances, etc., at Reservoir "D"	....	John Flanagan, assignee of Peter J. Moran	46,904 34	
Highways or roads and their appurtenances, etc., at Reservoir "M"	....	John Twiname	17,125 61	
Total contracts	.....	.....	.....	$21,809,425 83

Agreements.

	Estimate	Contractor.	
Shaft 11C, Section 5	Final.	Brown, Howard & Co	$5,000 00
" 12C, " 6	"	O'Brien & Clark	5,000 00
" 16½, " 8	"	"	5,000 00
" 18½, " 9	"	"	5,000 00
" 19½, " B	"	Heman Clark	5,000 00
" 17½, " 8	"	Thomas O'Hern	2,222 12
Culvert at Shaft 19, Section 9	"	O'Brien & Clark	4,893 74
" 20, " B	"	Heman Clark	2,932 05
" 23, " A	"	O'Brien & Clark	3,208 86
Crib dock, near Shaft 25, Section 12	"	Charles Peterson	3,694 60
Ironwork—For Saw Mill River Blow-off, etc., Section 7	"	Coldwell, Wilcox & Co	1,962 57
Ironwork—For Pocantico Blow-off, etc., Section 4	"	"	144 11
Ironwork—For Tibbett's Brook Blow-off, etc., Section 9	"	"	144 11
Ironwork—For lining Shafts 22 to 24, Section A	"	"	3,463 43
Ironwork—For lining Shaft 20, Section B	"	"	2,663 28
Ironwork—For lining Shaft 28, Section 13	"	"	2,315 02
Ironwork—For lining Shaft 29, Section 14	"	"	2,358 57
Cast and wrought iron ladders for shafts, Sections 1 to 9 and B and A	"	"	2,824 25
Roof, iron floor plates, etc., at Ardsley Gate-house, Section 7	"	"	3,326 70
Cast-iron special pipe lining and manhole covers, etc., Shaft 24, Section A	"	"	4,931 19
Filling low ground, Shaft Site No. 12, Section 6	"	O'Brien & Clark	4,910 00
Cave-in, Shaft 13, Section 7	"	"	5,000 00
Laying 20" pipe along the incline adjacent to Shaft 24, Section A	"	"	2,895 83
Grouting near Shaft 17½, on Section 8	"	"	4,427 50
Grouting, Stations 778+00 and 779+30, Section 7	"	"	1,075 00
Grouting on Section 13	"	Rogers, Shanly & Co	5,000 00
Grouting near Shaft 30	"	Breuchaud, Pennell & Co	2,900 93
Lining Shaft 24, Section A	"	The McNeal Pipe and Foundry Co	987 32
Highway, trestle-work and bridges at Croton Dam, Section 1	"	Smith & Brown	4,500 00
Sodding the South Yonkers embankment on Section 9	"	Rider & Dougherty	1,575 57
Taking down and enlarging top of Shaft 11C, Section 5	"	C. L. Kalmbach	2,917 32
Walls, foundations, etc., near blow-off chamber, Shaft 25, Section 12	"	Charles Peterson	2,233 12
Frame head-house and engine-room at Shaft 25, Section 12	"	"	3,690 00
Frame boiler-house and coal-bin at Shaft 25, Section 12	"	"	3,635 00
9" anti-friction pump and improved turbine wheel, etc., Croton Dam Gate-house, Section 1	"	Joseph Edwards & Co	2,135 00

	Estimate.	Contractor.		
6.2' x 5' sluice-gates at Bog Brook and Sodom Dams	Final.	John Fox	$4,200 00	
Pivot gate, Bog Brook Dams 1 and 2	"	Coldwell, Wilcox & Co.	2,445 00	
Finishing Shaft 21	"	William H. Baker	1,660 81	
Fence at Shaft 24	"	Francis V. Smith	865 24	
Soiling, sodding and seeding the slopes and adjacent grounds at Shaft 24	"	John Twiname	900 90	
For Bog Brook Tunnel Gate-house, 2.2' x 10' sluice-gates	"	John Fox	2,750 00	
Two-story and attic frame office building	"	John Schlachter	4,650 00	
Bridge across the Saw Mill river near Shaft 12	"	Daniel Carpenter	816 50	
For cutting timber and clearing grounds at Reservoir M, Purdy's Station	....	John L. Merritt	1,379 20	
Extra work for grading, improving and fencing grounds at several of the shafts	Final.	Levy & Quinn	749 01	
				$134,383 85
Bailing, pumping and taking care of water on Section A			$1,669 73	
Pumping water in iron pipes, Section 12			6,063 65	
" " 13			5,405 00	
" " 14			7,935 00	
Iron pipe laid in tunnel, Section A			4,615 76	
" " B			980 50	
48-inch pipes at Shaft 11B			327 50	
48-inch stop-cock valves			4,500 00	
Ironwork, etc.—				
At shafts			20,719 39	
For gate-houses and blow-offs			18,766 32	
For dams			7,414 52	
Timber work, etc., at shafts and gate-houses			19,844 31	
Explorations under the Harlem river			4,384 26	
Experimental section in concrete, at Shaft 18			185 25	
Extra work, etc., on Section 1			4,616 03	
" " 6			42 70	
" " 12			171 35	
" " 14			696 21	
" " 15			89 32	
" " 16			668 98	
" enlarging Shaft 11C			147 81	
" on the Pocantico Gate-house			287 44	
" on the eleven head-houses			325 64	
Grading, improving and fencing grounds at One Hundred and Thirty-fifth Street Gate-house			256 73	

On Dams Nos. 1 and 2	$444 31	
On blow-offs, etc., Shaft No. 24	615 24	
Additional work, Section 9	49 37	
" " 12	65 73	
" " A	1,669 56	
" East Branch Reservoir Dam	2,250 08	
" Dams Nos. 1 and 2	480 06	
" earth and masonry dam, Reservoir "M"	1,339 53	
" highways or roads, etc., at East Branch and Bog Brook Reservoirs.	3,095 00	
" Shaft 21	95 85	
" on two brick engine-houses	911 75	
" on iron-lined masonry Aqueduct near Shaft 30	2,000 00	
" on grubbing and cleaning grounds, Shaft 24	40 70	
" Shafts 15½ and 16	43 50	
Removing solid rock in Harlem river, near Shaft 25	701 03	
Grading, etc., trenches, Quaker Bridge Dam site	150 00	
Grading and finishing the grounds adjacent Shaft 19⅝	125 00	
Surveys and topographical map, Croton Watershed	7,000 00	
Soundings south of One Hundred and Thirty-fifth street	931 18	
Sinking Test Pits—		
Titicus river and Reservoir "D" dam sites	540 35	
Cornell Dam sites	63 56	
Hoisting-engines for shafts	1,700 00	
Coating interior of Aqueduct with cement	8,384 37	
Telephone line	4,995 62	
Preparing, pumping, etc., inverted siphon, sections	2,643 91	
Preparing the Aqueduct for permanent use	211 66	
Iron bridge on the East Branch of the Croton river	2,145 00	
Fencing around reservoirs, shaft-sites, etc	2,020 43	
Drain in One Hundred and Sixty-seventh street and Amsterdam avenue	906 00	
		$155,672 19
Commissioners of Appraisal—Awards.		
Twenty-fourth Ward	$163,090 47	
Manhattan Island Section	802,230 93	
Westchester County	424,827 08	
Putnam County Section	504,249 50	
		1,894,397 98
Commissioners of Appraisal.		
City and County of New York	$101,339 42	
Westchester County	295,869 27	

Manhattan Island Section	$78,860 04	
Putnam County Section	132,128 79	
		$608,197 52
Total expenditures		$28,083,000 60
Cr.		
Additional Water Stock		$27,695,000 00
Premium account		607,168 70
Additional Water Fund—"Miscellaneous"		14,995 66
Total receipts		$28,317,164 36
Balance, Comptroller's account		$234,163 76

Statement of Receipts and Expenditures of the Aqueduct Commissioners, December 30, 1893.

RECEIPTS.			
From Bonds Issued—			
Amount of bonds	$27,695,000 00		
Premiums on same	607,168 70		
From proceeds of miscellaneous sales, etc	14,995 66		
Total receipts		$28,317,164 36	
EXPENDITURES.			
Vouchers, pay-rolls, etc	$3,420,183 41		
Contracts, agreements, etc	22,099,481 87		
Land and land damages	60,739 82		
Commissioners of Appraisal—			
Awards	1,894,397 98		
Fees of Counsels, Commissioners, etc	608,197 52		
Total expenditures		28,083,000 60	
Balance, Comptroller's account			$234,163 76

On motion of Commissioner Scott, the By-laws and Rules of Order of the Aqueduct Commissioners, which were presented at the meeting of the Commissioners held on January 15, 1894, and ordered spread upon the minutes of that meeting and laid on the table for consideration at the next stated meeting, were taken from the table.

On motion of Commissioner Cannon, the same were unanimously adopted.

The Commissioners then adjourned.

J. C. LULLEY, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, January 31, 1894, no quorum being present, the meeting stood adjourned.

J. C. LULLEY, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, February 7, 1894, at 3 o'clock P. M.

Present—The Comptroller and Commissioners Duane, Scott and Cannon.

In the absence of the Secretary, Edward L. Allen, Stenographer, acted as Secretary pro tem.

The Construction or Executive Committee recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled John A. Donald vs. The Mayor, Aldermen and Commonalty of the City of New York for the sum of one hundred and ninety-nine dollars ($199) : therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of John A. Donald for the sum of one hundred and ninety-nine dollars ($199), being amount of judgment rendered for salary due said John A. Donald while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—The Comptroller and Commissioners Duane, Scott and Cannon -4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Michael Stack vs. The Mayor, Aldermen and Commonalty of the City of New York for the sum of one hundred and thirty-six dollars and sixty-seven cents ($136.67) ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Michael Stack for the sum of one hundred and thirty-six dollars and sixty-seven cents ($136.67), being amount of judgment rendered for salary due said Michael Stack while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—The Comptroller and Commissioners Duane, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Timothy Ryan vs. The Mayor, Aldermen and Commonalty of the City of New York for the sum of two hundred and sixty dollars and fifty-one cents ($260.51) ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Timothy Ryan for the sum of two hundred and sixty dollars and fifty-one cents ($260.51), being amount of judgment rendered for salary due said Timothy Ryan while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—The Comptroller and Commissioners Duane, Scott and Cannon—4.

The Committee of Finance and Audit reported their examination and audit of judgments contained in Vouchers Nos. 9325 to 9327, inclusive, amounting to $596.18, and of bills contained in Vouchers Nos. 9328 to 9343, inclusive, amounting to $3,538.95 ; also of estimates contained in Vouchers Nos. 9344 to 9351, inclusive, amounting to $79,916.46.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of January 31, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners, for

Reservoir "M"	$1,155 48
Cornell Dam	13,694 01
Croton Dam, Cornell site	4,752 00
Westchester County Section	683 65

—leaving a balance to the credit of Additional Water Fund of $119,576.57.

Which was ordered entered upon the books of the Commission and filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary pro tem.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, February 14, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Assistant Secretary.

NOTE.—On Wednesday, February 21, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Assistant Secretary.

NOTE.—On Wednesday, February 28, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Assistant Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, March 7, 1894, at 3 o'clock P. M.

Present—The Comptroller, and Commissioners Duane, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of Vouchers Nos. 9363 to 9367, inclusive, being estimates for work done by contractors, amounting to $39,799.31; and of Voucher No. 9368, being judgment in favor of Charles J. Savage, Inspector of Masonry, amounting to $1,050; also of bills contained in Vouchers Nos. 9369 to 9391, inclusive, amounting to $1,198.84.

On motion of Commissioner Scott, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following:

Julius C. Lulley, Secretary of the Aqueduct Commission, was found dead in his room on the 6th day of March, 1894.

By this untimely death the City of New York, and especially this Commission, lose an experienced, capable and painstaking official.

Mr. Lulley was in the employ of the Aqueduct Commission from April 1, 1886, when he assumed the responsible position of Auditor. This office he filled so satisfactorily that, on March 16, 1892, the Commission promoted him to be Secretary.

In the performance of his duties Mr. Lulley was notably precise and exact; to the Aqueduct Commissioners he was faithful and loyal; and to all with whom he was thrown into official relations he was courteous and obliging.

It was a matter of pride with him that his work should be done promptly and well, that his accounts and records should be neatly kept; and that the business of his office should be conducted in a manner which would be a credit to himself and a source of satisfaction to his official superiors.

As a consequence he had earned and enjoyed the respect and confidence of every member of the Commission.

On motion of Commissioner Scott, the same was ordered spread on the minutes, and the Secretary was directed to transmit a copy thereof to the family of the deceased.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That Edward L. Allen be and hereby is appointed Secretary pro tem. of this Commission, at the same salary now enjoyed by him.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preambles and resolutions:

Whereas, The City of New York, through the Aqueduct Commission, has used and occupied 10.493 acres of land in the Town of South East, Putnam County, New York, belonging to Benjamin D. Everett; and

Whereas, It is necessary that the City shall acquire title to said land in fee simple; and

Whereas, The said Benjamin D. Everett has offered, in writing, to sell said land to the City of New York for the sum of two hundred and fifty dollars an acre, which sum is to include not only the price of said land, but also all claim or claims he may have against the City of New York for the use and occupation of said land, and for interest upon the value thereof from the date said occupation commenced, and for damages of every kind and nature arising out of said occupation; and

Whereas, The Chief Engineer of the Aqueduct Commission and Henry T. Dykman, Esq., Special Counsel for the City of New York in the matter of the acquisition of land in Putnam County, have both reported that it would be to the best interests of the City of New York that the same should be accepted; therefore,

Resolved, That the Aqueduct Commission (subject to the approval of the Board of Estimate and Apportionment) hereby approves and accepts the aforesaid offer and proposition of said Benjamin D. Everett, and agrees to pay him the sum of two thousand six hundred and twenty-

three dollars and twenty-five cents ($2,623.25) for said land, and for a full release of all of his said claims, provided that he makes and executes a deed and release satisfactory in form to the Counsel to the Corporation, and provided further that said Counsel to the Corporation, upon examination, shall be satisfied a..d shall certify, in writing, that said Benjamin D. Everett is seized of said land in fee simple, has good right to convey the same, and that the same is free from encumbrance.

Resolved, That these resolutions be referred to the Board of Estimate and Apportionment for approval, and that there be transmitted to said Board therewith the accompanying map or survey and the letters of the Chief Engineer and of Henry T. Dykman, Esq., approving said settlement and purchase.

On motion of Commissioner Scott, the same were adopted.

The Committee also presented the following communications, received from the Chief and Acting Chief Engineers:

NEW YORK, January 24, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—On November 22, 1893, you asked me to furnish the plans of property acquired for the purposes of the New Croton Aqueduct in the vicinity of Convent avenue, etc.

I now respectfully submit the plan showing in red outlines the property now in the hands of the City.

The lots or parts of lots tinted in sienna are in Convent avenue. I wish, however, to modify my statement of November 22 in regard to the aforesaid property.

I have since communicated with the Chief Engineer of the Department of Public Works, and have ascertained that, owing to the proximity of the Old Croton Aqueduct, the Department would like to keep the parcels adjacent thereto.

The only parcels that could now be disposed of, provided the Commissioners find the time favorable for it, are those marked on the accompanying map in blue, as follows:

Nos. 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 and a part of Nos. 35 and 36.

If the above-mentioned parcels were sold, a reservation should be incorporated in the deeds excepting from the full conveyance of the said land "a permanent easement for the perpetual maintenance of an Aqueduct under the surface."

A stipulation should also be introduced to the effect that within a strip 33 feet wide on each side of the centre line of the Aqueduct no drilling or excavation of any kind should extend deeper than a horizontal plane 10 feet above the crown of the said Aqueduct.

I am, respectfully,

A. FTELEY, Chief Engineer.

NEW YORK, February 5, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—On January 24, 1894, certain plans of property acquired for the purposes of the New Croton Aqueduct in the vicinity of Convent avenue and One Hundred and Fifty-first street, were submitted to you by the Chief Engineer, with a communication of same date, making certain recommendations, etc., as to the disposal of the said property.

The plans above referred to were returned to the Chief Engineer with the request "that he prepare plans and descriptions covering only the parcels which are to be sold, and excluding all others."

I herewith submit plans and descriptions of the property in question, made to conform with your request.

These descriptions are made to cover the points suggested by the Chief Engineer in his communication above referred to, for the purpose of preserving the New Aqueduct from the encroachments of future owners of the property.

I am, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

—and recommended the adoption of the following resolution:

Resolved, That the accompanying map or plan showing certain lots or parcels of land on the line of the New Aqueduct, between One Hundred and Fiftieth and One Hundred and Fifty-second streets, east of Tenth avenue, in the City of New York, designated and described thereon as "Parcels Nos. 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 and a part of Nos. 35 and 36," indicating the areas of the parcels to be disposed of, referred to in the communications of the Chief Engineer of the Aqueduct Commissioners, dated January 24, 1894, and of the Acting Chief Engineer, dated February 5, 1894, above set forth, together with copies of said communications and of the description of said parcels of land, be transmitted by the President of this Commission to the Comptroller for submission to the Commissioners of the Sinking Fund for such action as they may deem proper.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, In the opinion of the Aqueduct Commissioners, the further sum of five hundred thousand dollars will be required to defray the necessary and lawful expenditures of said Commissioners; now, therefore, be it

Resolved, That the Comptroller of the City of New York be and he is hereby requested to raise the sum of five hundred thousand dollars upon bonds of the City of New York, in conformity with the requirements of section 32, chapter 490, Laws of 1883, of the State of New York, for the uses and purposes of the Aqueduct Commissioners, as set forth in said chapter and section of said law.

The same was adopted by the following vote:

Affirmative—The Comptroller, and Commissioners Duane, Scott and Cannon—4.

The Committee also recommended that the following resolution, adopted on January 24, 1894, be rescinded:

"Resolved, That the accompanying bill for taxes due the Town of North Salem, Westchester County, N. Y., School District No. 2, amounting to ninety-nine dollars and eighty-five cents, is hereby approved and ordered certified to the Comptroller for payment."

—and, in lieu thereof, recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of North Salem, Westchester County, N. Y., School District No. 2, amounting to ninety-nine dollars and sixty-four cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the recommendation was approved and the resolution adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of Ellsworth Fowler, for lime, cement, tile, drain-pipe, etc., used for sanitary purposes in Reservoir "D," amounting to sixty-nine dollars and eighty cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preambles and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Comptroller of the City of New York a transcript of judgment in an action, entitled Charles J. Savage vs. The Mayor, Aldermen and Commonalty of the City of New York, for the sum of one thousand four hundred and forty dollars and sixty-two cents ; and,

Whereas, The Comptroller of the City of New York has transmitted the same to the Aqueduct Commissioners, together with a communication, setting forth that the plaintiff's attorney agrees to accept the sum of one thousand and fifty dollars in full settlement and satisfaction of said judgment ; therefore,

Resolved, That a voucher be and hereby is ordered drawn in favor of Charles J. Savage for the sum of one thousand and fifty dollars, being amount accepted in full settlement and satisfaction of judgment rendered for salary claimed to be due said Charles J. Savage while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—The Comptroller, and Commissioners Duane, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in temporarily employing John Simmons as Laborer, at two dollars per day, for work on the surveys necessary at Reservoir "D," his duties to commence on February 22, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Horace Searles, for use of sleigh and twenty-eight loads of ice to fill ice-house, amounting to ten dollars and eighty cents.

2d. Three bills of Washburn, Shaler & Washburn, for extra work on 24-inch pipe and 24-inch valve, and on flume-weirs at Purdy's Station, N. Y., amounting to one hundred and forty-four dollars and five cents.

3d. Of Washburn, Shaler & Washburn, for sanitary work in Titicus valley, amounting to forty-seven dollars and fifty-nine cents.

4th. Of John Peirce, for extra copper work done on head-house and engine-room at Shaft No. 25 of the New Aqueduct, amounting to one hundred and sixty-seven dollars and nine cents.

On motion of Commissioner Scott, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, January 29, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—This is to ask you to authorize me to purchase two 5-ton geared chain blocks, Weston pattern, to complete the machinery of the stop-planks in the Croton Gate-house.

I asked for prices from the Yale-Towne Manufacturing Company and from Thornton N. Motley & Co. ; the prices made being $85 and $55 apiece, respectively.

I respectfully recommend that the purchase be made from Thorton N. Motley & Co.

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That authority is hereby given to the Chief Engineer to purchase from Thornton N. Motley & Co. two five-ton geared chain blocks (Weston pattern) to complete the machinery of the stop-planks in the Croton Gate-house, at their bid of fifty-five dollars apiece ; and an appropriation of an amount to cover the cost thereof is hereby made.

The same was adopted by the following vote :

Affirmative—The Comptroller, and Commissioners Duane, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bills of R. D. Philbin, for transportation between New York and Pocantico and Croton Lake, and for board at Pocantico and Croton Lake, amounting to fifty-five dollars and four cents and twenty-six dollars and four cents, respectively, are hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of Samuel Hopkins, for transportation between New York and Pocantico and Croton Lake, and for board at Pocantico and Croton Lake, amounting to twenty-five dollars and fifty-four cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of William James, for transportation between New York and Pocantico and Croton Lake, and for board at Pocantico and Croton Lake, amounting to twenty-five dollars and sixty-four cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment:

1st. Of David Travis, for labor and team work in abating nuisances in Brewster Dam Reservoir, amounting to two hundred and thirty-three dollars.

2d. Of Anderson & Lake, for lumber for floor of pipe vaults at Brewster, and for lime for disinfecting purposes, amounting to eighteen dollars and fifty-five cents.

3d. Of Henry S. Bailey, for use of horse and wagon hauling tools and materials in abating nuisances near Croton Dam, amounting to thirty-four dollars and seventy-five cents.

On motion of Commissioner Scott, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer:

NEW YORK, January 29, 1893.

To the Honorable the Committee on Construction:

GENTLEMEN—You are aware that the members of the Engineering party at the New Croton Dam are obliged to live in Sing Sing, and that they are transported by team morning and night.

The horses are kept at Sing Sing, and have remained in the stable of the premises formerly hired by the City and now in the possession of Mrs. Charles S. Gowen.

I consider it an advantage that the horses are under the eye of the Division Engineer, and I would recommend that Mrs. Charles S. Gowen be paid for the hire of the said stable at the rate of five dollars per month from October, 1893, inclusive.

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in hiring from Mrs. Charles S. Gowen, at Sing Sing, New York, a stable for the use of horses engaged in the transportation of the engineering party at the New Croton Dam, from October 1, 1893, at five dollars per month, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in assigning Daniel Carpenter to duty at the New Croton Gate-house as Carpenter, at two dollars and fifty cents per day, on February 5, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment :

1st. Of Hall & Gundersen, for framing out of three exhaust pipes on roof of head-house at Shaft No. 25 of the New Aqueduct, amounting to eighteen dollars.

2d Of F. Kroedel, for repairs to transit, amounting to seven dollars.

3d. Of Seth Hoyt, for cleaning privy-vaults at Fergurson farm, Golden's Bridge, N. Y. amounting to five dollars.

4th. Of Michael Maloney, for cartage of barrel of paint, and carriage hire for R. S. Gillespie, amounting to five dollars.

5th. Of Edgar Hitt, for set of bob-sleds on which to place body of wagon when there is sleighing, amounting to twenty dollars.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in discharging Daniel Carpenter, employed as Carpenter, at two dollars and fifty cents per day, at the New Croton Gate-house, on February 23, 1894, be and hereby is approved.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in employing Walter Owens as Stone-cutter, at four dollars per day, to do work at the One Hundred and Thirty-fifth Street Gate-house, his services to commence on March 1, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary pro tem.

AQUEDUCT COMMISSION.

NOTE—On Wednesday, March 14, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary pro tem.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, March 21, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9393 to 9419, inclusive, and Nos. 9421 to 9450, inclusive, amounting to $3,492.03; also of Voucher No. 9420, being judgment in favor of Edward O'Shea, amounting to $125.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Committee also presented the following communication, received from the Comptroller:

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
March 8, 1894.

Gen. J. C. DUANE, *President, Aqueduct Commission:*

DEAR SIR—In accordance with your request of the 6th instant, herewith I return voucher in favor of J. C. Lulley for $24.11, the same having been duly canceled in this department.

Respectfully,

ASHBEL P. FITCH, Comptroller.

And reported that directions had been given that the voucher referred to be canceled, and asking approval of such action.

On motion of Commissioner Tucker, the recommendation was approved.

The Construction or Executive Committee recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by John L. Merritt, contractor, for an extension of time for the completion of his contract for cutting timber and clearing grounds of Reservoir "M," near Purdy's Station, in the Town of North Salem, Westchester County, New York, to May 1, 1894 ; and the Acting Chief Engineer having recommended that such extension be granted ; therefore

Resolved, That the Aqueduct Commissioners hereby grant to John L. Merritt, contractor, an extension of time to May 1, 1894, in which to complete the contract above referred to, providing his bondsmen shall, within ten days from the date hereof, enter into stipulations continuing their obligations for and during the completion of said contract under said extension of time, which is hereby allowed to him as further time for the performance of said contract ; and provided, also, that said contractor will stipulate and agree, in consideration of this extension, that he will waive all claim for damage whatsoever on account of the raising of the water in the reservoir that the Commissioners or their Engineer may order, or for such injury or damage as may be caused by the action of the elements, and that if any damage or loss be occasioned by such cause, he will waive all claim for compensation on account of damage, loss of time, or on account of other losses which he may suffer by reason of the rising of said water.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of Bert Tompkins, being for transportation and board, amounting to twenty dollars and twenty-four cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Horace Searles, for use of teams and wagons to level grounds about the new fire-proof vault at Katonah, N. Y., amounting to six dollars and sixty cents.

2d. Two bills of Skinner & Connolly, for bolts, nuts, etc., to be used in the Croton Dam Gate-house, and for a centre-bore for use at Shaft No. 25, amounting to seventy-two dollars and five dollars, respectively.

On motion of Commissioner Scott, the same was adopted.

The Committee also presented the following, received from the Acting Chief Engineer, and recommended approval of such action :

NEW YORK, March 13, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—I forward herewith for your information and approval a letter to the contractor for the New Croton Dam, in which his attention is called to the great amount of im-

portant work ahead of him this coming season and to the necessity of his making every effort to accomplish it.

During last season the contractor was repeatedly urged to start some of this work, and warned that the failure to do so then might embarrass him in his attempts to accomplish all of it this coming season. As he made no attempt to carry out our wishes, it seems to me especially necessary that he should again be notified of the importance of the proposed work and that the sooner it is done the better, considering all the interests involved.

I am, respectfully,

CHARLES S. GOWEN, Acting Chief Engineer.

NEW YORK, March 14, 1894.

J. S. COLEMAN, Esq., *Contractor, New Croton Dam:*

DEAR SIR—I wish to call your attention again to the urgent demands that the coming season will make upon your best efforts to accomplish the turning of the Croton river into the new channel. This involves the completion of the wing-dams, the building of the river-wall from its foundation to the height of the dams, and the bottoming of that part of the channel which the masonry dam is to cover with rubble masonry of a permanent character up to the channel grade.

Reviewing the history of last season's work, and the deep regret occasioned by delay on your part, especially on the foundations of the river-wall, it seems fitting and necessary to dwell upon the large amount of work to be done, and upon the importance of an early start, and of an efficient organization to do it. It is expected that every effort will be made on your part, and I hope that it is unnecessary to call your attention to the serious consequences that would result from a failure to carry out this season's work as above outlined, causing, as it would, the loss of practically one whole season in getting at the foundation work of the dam.

While there is considerable work that can be done outside of the limits above-mentioned, it is not so essential to the proper progress of the work in general.

The eighteenth month of the contract shows $441,000 worth of work out of a total of $4,200,000, and it is evident that the time has come when active efforts on the more difficult part of the work should be no longer delayed.

Yours truly,

(Signed) CHAS. S. GOWEN, Acting Chief Engineer.

On motion of Commissioner Scott, the recommendation was approved.

The Committee also presented the resignation of William B. Swan, Assistant Engineer, and recommended that the same be accepted, to take effect as of March 12, 1894.

On motion of Commissioner Scott, the recommendation was approved.

The Committee also recommended that that part of the resolution adopted on March 7, 1894, having reference to the bill of Henry S. Bailey for use of horse and wagon hauling tools and materials in abating nuisances near Croton Dam, amounting to $34.75, be rescinded.

And, in lieu thereof, recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of Henry S. Bailey for use of horse and wagon hauling tools and materials in abating nuisances

near Croton Dam, and for inspection, amounting to thirty-four dollars and seventy-five cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the recommendation was approved and the resolution adopted.

The Committee also recommended that the following resolution, adopted on January 24, 1894, be rescinded :

Resolved, That the accompanying bill for taxes due the Town of Elmsford, Westchester County, New York, School District No. 9, amounting to seventeen dollars and twenty-five cents, is hereby approved and ordered certified to the Comptroller for payment.

And, in lieu thereof, recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Town of Elmsford, Westchester County, New York, School District No. 9, amounting to seventeen dollars and twenty-two cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the recommendation was approved and the resolution adopted.

The Committee also presented final plan sheet, described as "Exhibit No. 1 of 1894," submitted by the Commissioner of Public Works on March 21. 1894, showing certain additional parcels of land required for the construction of the New Croton Reservoir in the Village of Katonah, Towns of Bedford and Lewisboro, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet, showing certain additional parcels of land required for the construction of the New Croton Reservoir in the Village of Katonah, Towns of Bedford and Lewisboro, Westchester County, New York, and direct that the same be duly certified and filed in this office and designated "Final Plan Sheet No. 1 of 1894," and that a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office as required by section 2 of the aforesaid act.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also presented six similar property maps, submitted by the Commissioner of Public Works on March 21, 1894, showing certain additional parcels of land required for the construction of the New Croton Reservoir in the Village of Katonah, Towns of Bedford and Lewisboro, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That the six similar property maps, received from the Commissioner of Public Works on March 21, 1894, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Katonah, Towns of Bedford and Lewisboro, Westchester County, New York, be and the same are hereby approved and adopted and directed to be

certified and transmitted to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York ; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps, and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also presented final plan sheet, described as "Exhibit No. 3 of 1894," submitted by the Commissioner of Public Works on March 21, 1894, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Croton Falls, Towns of Somers and North Salem, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Croton Falls, Towns of Somers and North Salem, Westchester County, New York, and direct that the same be duly certified and filed in this office, and designated "Final Plan Sheet No. 3 of 1894," and that a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office as required by section 2 of the aforesaid act.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also presented six similar property maps, submitted by the Commissioner of Public Works on March 21, 1894, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Croton Falls, Towns of Somers and North Salem, Westchester County, New York, and recommended the adoption of the following resolution :

Resolved, That the six similar property maps, received from the Commissioner of Public Works on March 21, 1894, showing certain additional parcels of land required for the construction of the New Croton Reservoir, in the Village of Croton Falls, Towns of Somers and North Salem, Westchester County, New York, be and the same are hereby approved and adopted and directed to be certified and transmitted to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York ; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps, and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Edward O'Shea vs. The Mayor, Aldermen and Commonalty of the City of New York, for the sum of one hundred and twenty-five dollars ($125) ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Edward O'Shea for the sum of one hundred and twenty-five dollars ($125), being amount of judgment rendered for salary due said Edward O'Shea while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon —4.

The Committee also recommended the adoption of the following resolutions :

Resolved, That Edward L. Allen be and hereby is appointed Secretary of the Aqueduct Commission at a salary of two thousand five hundred dollars per annum.

Resolved, That Jefferson Groub, clerk in the Secretary's office, shall, in addition to the duties now performed by him, act as assistant to the Secretary, and in the absence of the Secretary, shall perform the duties and exercise the powers and authority of the Secretary.

The same were adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, March 28, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9455 to 9460, inclusive, amounting to $126.08.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the action of the Acting Chief Engineer in temporarily engaging George J. Smith as Laborer on March 22, 1894, at two dollars per day, for work at the New Croton Dam, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of William James for board and transportation, amounting to twenty-five dollars and twenty-four cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bills of Samuel Hopkins for board and transportation, amounting to thirty-six dollars and twenty-four cents, and eleven dollars and eighty-four cents, respectively, are hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, It has been reported by the Acting Chief Engineer of this Commission that it was necessary, in the completion of the contract for building the head-house and engine-room superstructure, etc., at Shaft No. 25, on Section No. 12 of the New Croton Aqueduct, to order certain extra work done ; therefore

Resolved, That an extension of time to April 1, 1894, be and hereby is granted to John Pierce, assignee of William H. Baker, contractor for the work above referred to, in which to complete said contract.

On motion of Commissioner Scott, the same was adopted.

The Secretary gave notice of the filing of a lien by E. Lewis Quick against John Twiname, contractor, amounting to $211.50.

On motion of Commissioner Scott, the same was ordered filed.

The Comptroller, under date of February 28, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners, for

Reservoir "M"	$16 75
Cornell Dam	450 00

—leaving a balance to the credit of Additional Water Fund of $25,957.11.

Which was ordered entered upon the books of the Commission and filed.

On motion of Commissioner Tucker, the minutes of meetings of December 6 and 20, 1893, January 15 and 24, February 7 and March 7, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, April 4, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9464 to 9476, inclusive, amounting to $463.60; also of estimates contained in Vouchers Nos. 9477 and 9478, amounting to $42,417.27.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the extension of time granted on March 28, 1894, to John Peirce, assignee of William H. Baker, contractor, for building the head-house and engine-room superstructure, etc., at Shaft No. 25, on Section No. 12 of the New Croton Aqueduct, in which to complete said contract, be and hereby is extended to May 1, 1894.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also presented the following, received from the Board of Estimate and Apportionment, and recommended that it be spread in full on the minutes and filed:

BOARD OF ESTIMATE AND APPORTIONMENT,
CITY OF NEW YORK.

Whereas, The Aqueduct Commissioners, at a meeting held March 7, 1894, adopted a resolution agreeing (subject to the approval of the Board of Estimate and Apportionment) to purchase from Benjamin D. Everett ten and four hundred and ninety-three one-thousandths acres of land in the

Town of South East, Putnam County, New York, for the sum of twenty-six hundred and twenty-three dollars and twenty-five cents ($2,623.25), which land has heretofore been used and occupied by the said Commission; and the said Benjamin D. Everett has agreed, in consideration of the aforesaid amount, to give a full release of any and all claims which he may have against the Mayor, Aldermen and Commonalty of the City of New York, and to make and execute a deed and release satisfactory in form to the Counsel to the Corporation.

Resolved, That the action of the Aqueduct Commission in the premises be and is hereby approved.

A true copy of preamble and resolution adopted by the Board of Estimate and Apportionment March 28, 1894.

CHAS. V. ADEE, Clerk.

On motion of Commissioner Cannon, the recommendation was approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, April 11, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Thursday, April 12, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee presented the following, received from the Acting Chief Engineer, and recommended approval of his action:

NEW YORK, April 12, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—I have to report that G. Bonanno, who was granted a three months' leave of absence, without pay, returned this morning and was assigned by me to duty.

I am, respectfully,

E. WEGMANN, Jr., Acting Chief Engineer.

On motion of Commissioner Scott, the recommendation was approved.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of Henry S. Bailey, for use of horse and wagon for inspection work, hauling tools, etc., in abating nuisances near Croton Dam, amounting to four dollars.

2d. Of J. E. Crow, for use of sleigh for season, amounting to ten dollars.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, Application has been made by Coldwell-Wilcox Company, contractors, for an extension of time to May 1, 1894, for the completion of their contract for furnishing and delivering cast-iron

pipe and special castings for the New Croton Dam (Cornell Site), in the Town of Cortlandt, Westchester County, New York, and the Acting Chief Engineer having recommended that such extension of time be granted ; therefore

Resolved, That the Aqueduct Commissioners hereby grant to Coldwell-Wilcox Company, contractors, an extension of time to May 1, 1894, in which to complete the contract above referred to.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Acting Chief Engineer of this Commission has certified in writing, under date of April 12, 1894, that Coldwell-Wilcox Company have completely performed and carried out the provisions of the contract made by them with this Commission on the 8th of November, 1893, for furnishing six gates with their hoisting apparatus and other appurtenances, to be set in the gate-house of Titicus Dam, near Purdy's Station, New York, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by Coldwell-Wilcox Company, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the following resolution, adopted on March 21, 1894, be and hereby is amended to read "Town of Greenburgh" instead of "Town of Elmsford" :

"Resolved, That the accompanying bill for taxes due the Town of Elmsford, Westchester County, N.Y., School District No. 9, amounting to seventeen dollars and twenty-two cents, is hereby approved and ordered certified to the Comptroller for payment."

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Acting Chief Engineer :

NEW YORK, April 12, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—I beg leave to submit herewith preliminary plans of Jerome Park Reservoir, Sheets A, B and C.

I am, respectfully,

E. WEGMANN, Jr., Acting Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the President and Secretary be and they are hereby directed to take the necessary steps to provide for giving notice of a public hearing upon the plan for the construction of a

storage and distributing reservoir in the Twenty-fourth Ward of the City of New York ; said hearing to be held on Wednesday, April 25, 1894, at 2 o'clock P. M.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9481 to 9498, inclusive, amounting to $305.58 ; also of estimates contained in Vouchers Nos. 9499 to 9504, inclusive, amounting to $18,304.89.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of March 31, 1894, gave notice of the issue of a warrant for the payment of vouchers not certified to by the Aqueduct Commissioners for—

Cornell Dam	$5,828 40
Leaving a balance to the credit of "Additional Water Fund" of	58,894 62
And stating that on March 21, 1894, bonds were issued to the credit of "Additional Water Fund" for	100,000 00

Which was ordered entered upon the books of the Commission and filed.

On motion of Commissioner Tucker, the minutes of meetings of March 21 and 28, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, April 18, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following preambles and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Benjamin H. Brevoort vs. The Mayor, Aldermen and Commonalty of the City of New York, for the sum of two hundred and fifty dollars ($250) ; and

Whereas, The Comptroller of the City of New York has requested that a voucher be drawn for the payment of said claim, including interest thereon from February 13, 1894 ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Benjamin H. Brevoort for the sum of two hundred and fifty-two dollars and seventy cents ($252.70), being amount of judgment rendered for salary due said Benjamin H. Brevoort while employed as an Inspector of Masonry on the New Aqueduct, and interest thereon from February 13, 1894, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the proposition of the Lawyers' Title Insurance Company of New York to furnish the Aqueduct Commissioners with the names of the owners of record of property contemplated to be taken for the receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York, at a charge not exceeding one hundred and fifty dollars ($150), be accepted, and that the sum of one hundred and fifty dollars ($150) be appropriated for that purpose.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also presented the following communication, and recommended that it be spread upon the minutes and filed:

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, April 13, 1894.

Gen. JAMES C. DUANE, *President, Aqueduct Commission:*

DEAR SIR—I transmit herewith, for consideration and action by the Aqueduct Commissioners, Plans A, B and C, being preliminary plans for the Jerome Park Reservoir. These plans are subject to such modifications as may be found necessary hereafter, especially with regard to increasing the capacity of the reservoir by excavating the higher points therein.

Very respectfully,

MICHAEL T. DALY, Commissioner of Public Works.

On motion of Commissioner Scott, the recommendation was approved.

The Committee of Finance and Audit reported their examination and audit of judgment contained in Voucher No. 9507, amounting to $252.70, and of bills contained in Vouchers Nos. 9508 to 9518, inclusive, amounting to $191.87.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meeting of April 4, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, April 25, 1894, at 2 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The meeting was declared open for public hearing in pursuance to the following notice, published for seven days in the CITY RECORD, New York "Herald," New York "World," New York "Times," New York "Tribune," and New York "Sun," commencing with April 14, 1894:

AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, April 14, 1894.

Public Notice—To all Whom it May Concern.

In conformity with the requirements of section 2, chapter 490, Laws of 1883, of the State of New York, public notice is hereby given to all persons interested that full opportunity will be afforded them to be heard in relation to the plan for the construction of a storage and distributing reservoir in the Twenty-fourth Ward of the City of New York, as shown upon the map now on file in this office. Said public hearing to be at the office of the Aqueduct Commissioners, Room 209, Stewart Building, No. 280 Broadway, New York, on Wednesday, April 25, 1894, at 2 o'clock P. M., and upon subsequent dates thereafter to which said hearing may be adjourned until finally concluded.

By order of the Aqueduct Commissioners.

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

Messrs. Robert E. Deyo, Hugh N. Camp, John Claflin, S. W. Fairchild and James H. Dunham were heard concerning the construction of said reservoir, and expressed themselves as being in favor of its construction, and their statements were recorded in full by the official stenographer.

No other persons desiring to be heard, the public hearing was declared closed, and an opportunity given to persons desiring to submit further views on the subject to do so in writing to the Aqueduct Commissioners.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, April 25, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Robert H. Jacobs be and hereby is appointed Axeman in the Engineer Corps of the Aqueduct Commissioners, to fill the vacancy caused by the death of Edward Whitehouse, at a salary of sixty dollars per month.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Two bills of R. D. Philbin, being for transportation and board, amounting to twenty-eight dollars and eighty-four cents and fifty dollars and forty-four cents, respectively.

2d. Of Walter Owens, stone-cutter, for sharpening tools and for transportation, amounting to nine dollars and twenty-four cents.

3d. Of David Travis, for hauling stone monuments in Sodom and Bog Brook Reservoirs, amounting to fifty-five dollars.

4th. Of Clarence McCord, for damages done on his farm by engineering party in running a survey line near site of the New Croton Dam, amounting to ten dollars.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has recommended that an extension of time to May 15, 1894, be granted to Coldwell-Wilcox Company, contractors, in which to complete their contract for furnishing and delivering cast-iron pipe and special castings for the New Croton Dam (Cornell Site), in the Town of Cortlandt, Westchester County, New York ; therefore

Resolved, That the Aqueduct Commissioners hereby grant to Coldwell-Wilcox Company, contractors, an extension of time to May 15, 1894, in which to complete the contract above referred to.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended that the following resolution, adopted on March 30, 1892, be rescinded :

" Resolved, That the accompanying bill for taxes due the City of Yonkers for the year 1891, amounting to five hundred and three dollars and ninety cents, is hereby approved and ordered certified to the Comptroller for payment."

On motion of Commissioner Tucker, the recommendation was approved.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bills for taxes due the City of Yonkers, N. Y., for the years 1890, 1891, 1892 and 1893, with interest thereon, amounting to four hundred and sixty-five dollars and sixty-four cents, five hundred and eighty-two dollars and nine cents, five hundred and sixteen dollars and twenty-two cents and six hundred and seventy-one dollars and fifteen cents, respectively, are hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9523 to 9533, inclusive, amounting to $2,347.48.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meeting of April 12, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, May 2, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9535 to 9547, inclusive, amounting to $3,093.86.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following:

NEW YORK, May 2, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—This is to report progress as to the surveys of the land for the proposed reservoir in Jerome Park and vicinity.

As soon as the work was transferred to this office by the Department of Public Works, steps were taken to gather all the information which could be obtained to facilitate the field operations. Those formerly in charge of partial surveys were seen, and such data obtained as could give us the advantage of their knowledge; the Departments of Parks and of Street Improvements of the Twenty-third and Twenty-fourth Wards furnished also some information, and maps of record were copied.

In accordance with my verbal statements to yourselves, I inquired into the best means of preparing the maps wanted for the taking of the land, and after considering the advisability of employing surveyors outside of the engineering corps of this Department, especially those who had made surveys in that neighborhood, I found that it would be more economical and more to the City's interest to intrust the work to your employees. I accordingly instructed Division Engineer Wegmann to suspend temporarily a part of his work in the Croton valley, to take personal charge of the contemplated work, and to detail for that purpose a portion of his engineering party.

This surveying force is now in the field, with instructions to push the work as far as it is consistent with care and accuracy. I will, however, ask you to authorize me to employ temporarily, if I find it advisable, one or more of the surveyors who have already been on the ground, for the purpose of obtaining from them the location of certain monuments and other landmarks which it would be otherwise difficult to find.

The transportation facilities between Katonah and the proposed work are such that the engineers can continue to reside at Katonah without interfering with their duties, and I would ask you to pay for their transportation, which will be less costly than the price of their board, which, according to the course previously followed in similar cases, you probably would allow to them.

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolutions:

Resolved, That the report of the Chief Engineer be and hereby is approved, and he is hereby authorized to employ such men as he may deem necessary and proper to carry on the work, and to make arrangements for the transportation of the surveying party, as suggested by him in his report.

Resolved, That the Chief Engineer be and hereby is authorized to make such borings and other explorations as he shall deem necessary to enable him to complete the final plans for the construction of the receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York.

On motion of Commissioner Cannon, the same was adopted.

On motion of Commissioner Tucker, the minutes of meeting of April 18, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, May 9, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in temporarily employing Daniel Carpenter, as Laborer, on May 1, 1894, at two dollars per day, be and is hereby approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also presented the following communications, and recommended that they be spread upon the minutes and filed:

NEW YORK, February 5, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—I have received the following, under date of February 1, 1894, from Mr. George W. Birdsall, Chief Engineer of the Croton Aqueduct Department:

FEBRUARY 1, 1894.

A. FTELEY, Esq., *Chief Engineer:*

DEAR SIR—As agreed upon in a former conversation, I now report that this Department is ready at any time to take charge of the reservoirs on the East Branch of the Croton river.

Respectfully, yours,

(Signed) G. W. BIRDSALL, Chief Engineer Croton Aqueduct.

While I find no other written communication on this subject, it is evident from Mr. Birdsall's letter that an understanding has been made with Mr. Fteley as regards such transfer, and I know of no reason why it should not now be consummated. This, of course, is not to affect the work now being done by this Department in the matter of additional surveys for the extension of the property lines about these (the Bog Brook and Sodom) Reservoirs.

I am, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

NEW YORK, February 14, 1894.

Hon. MICHAEL T. DALY, *Commissioner of Public Works:*

DEAR SIR—I have been authorized by the Aqueduct Commissioners to turn over to your Department the two reservoirs on the East Branch of the Croton river, known as the "Sodom and Bog Brook Reservoirs," with their appurtenances; and by virtue of such authorization I hereby make the transfer.

The transfer is made in accordance with the terms of the accompanying letters of the Acting Chief Engineer of this Department.

Very respectfully, yours,

(Signed) J. C. DUANE, President.

On motion of Commissioner Scott, the recommendation was approved.

The Committee also presented the following communication, received from the Chief Engineer:

NEW YORK, May 9, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—The Brewster Dams Division having completed the field work necessary for the surveys of additional lands, and the superintendence of the new reservoirs having been previously transferred to the Department of Public Works, I have given orders to the assistant in charge, Mr. Speyer, to disband his party and to send partly to Mr. Wegmann and partly to Mr. Gowen his office furniture.

The records of the work will be transferred to this office.

The horse used on the work has been ordered to Carmel to take the place of an older one, which should be sold.

One old stage and two smaller carriages, very much worn out, are also to be sent to Carmel, to be examined by your Purveyor and sold, if, in his opinion and mine, they cannot be advantageously repaired.

I need Mr. Speyer's services some time longer in this office to complete the plans and descriptions of the lands surveyed by him.

Leveler Macrae Sykes has been ordered transferred to the Carmel and Purdy's Dams Division.

Axemen Bowen and O'Connor have been detailed to Mr. Wegmann's Jerome Park party, and Axeman Crane is wanted a short time longer to assist in the removal of the City's property.

Laborers Hutchings and Bowdy have been dropped from the pay-rolls from May 7, as they remain at Brewster in the employ of the new Superintendent of the reservoirs.

This action, for which I respectfully ask your approval, terminates the existence of the "Brewster Dams Division."

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer, as set forth in the above report, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of William James, for board, amounting to fifty-one dollars and twenty-four cents.

2d. Of Samuel Hopkins, for transportation and board, amounting to twenty-four dollars and twenty-four cents.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Town of Cortlandt, Westchester County, New York, School District No. 19, for the year 1893, amounting to eighty-three dollars and ninety-three cents ($83.93), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Secretary, the accompanying bill of James B. Lyon, for legislative bills and Session Laws for the Session of the Legislature of 1894, furnished to the Aqueduct Commissioners, amounting to thirty dollars ($30), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has certified in writing, under date of May 8, 1894, that John L. Merritt has completely performed and carried out the provisions of the contract made by him with this Commission on the 30th day of June, 1893, for cutting timber and clearing grounds of Reservoir "M," near Purdy's Station, in the Town of North Salem, Westchester County, New York, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore,

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by John L. Merritt, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has certified in writing, under date of May 8, 1894, that John Peirce, assignee of William H. Baker, has completely performed and carried out the provisions of the contract made by said William H. Baker with this Commission on the 25th day of June, 1891, for building the head-house and engine-room superstructure, etc., at Shaft No. 25, on Section No. 12 of the New Croton Aqueduct, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore,

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by John Peirce, assignee of William H. Baker, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9551 to 9557, inclusive, amounting to $464.23 ; and of estimates contained in Vouchers Nos. 9558 to 9566, inclusive, amounting to $66,777.60.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of April 30, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for—

New Croton Dam	$4,117 20
Cornell Dam	443 74
Reservoir "M"	25,221 25
And stating that on April 23, 1894, bonds were issued to the credit of the "Additional Water Fund" for	100,000 00
Leaving a balance to the credit of said fund of	52,903 85

Which were ordered entered upon the books of the Commissioners and filed.

On motion of Commissioner Tucker, the minutes of special and stated meetings of April 25, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, May 16, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolutions:

Resolved, That the action of the Chief Engineer in employing Walter J. Sager as Foreman, on May 10, 1894, to conduct the soundings at the site of the proposed receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York, at a salary of one hundred and twenty-five dollars per month, be and hereby is approved.

Resolved, That the action of the Chief Engineer in employing Michael Tierney and Henry S. Bailey as Laborers, on May 10 and 14, 1894, respectively, for work on the soundings at the site of the proposed receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York, at a salary of sixty-five dollars per month, be and hereby is approved.

On motion of Commissioner Scott, the same were adopted.

The Committee also recommended that the resolution adopted on May 9, 1894, accepting the work done and materials furnished by John Peirce, assignee of William H. Baker, under the contract made by said William H. Baker with the Aqueduct Commissioners on the 25th day of June, 1891, for building the head-house and engine-room superstructure, etc., at Shaft No. 25, on Section No. 12 of the New Croton Aqueduct, and directing that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners and certified to the Comptroller for payment, be rescinded; and, in lieu thereof, recommended the adoption of the following preamble and resolution:

Whereas, The Chief Engineer of this Commission has certified in writing, under date of May 16, 1894, that John Peirce, assignee of William H. Baker, has completely performed and carried out the provisions of the contract made by said William H. Baker with this Commission on the 25th day of June, 1891, for building the head-house and engine-room superstructure, etc., at Shaft No. 25, on Section No. 12 of the New Croton Aqueduct, and has stated, from actual measurements, the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by John Peirce, assignee of William H. Baker, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

The recommendation was approved and the preamble and resolution adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the Comptroller be and hereby is requested to return to the Aqueduct Commissioners the final estimate for work done and materials furnished by John Peirce, assignee of William H. Baker, under the contract made by said William H. Baker with the Aqueduct Commissioners on the 25th day of June, 1891, for building the head-house and engine-room superstructure, etc., at Shaft No. 25, on Section No. 12 of the New Croton Aqueduct, amounting to four thousand two hundred and fifteen dollars and nine cents ($4,215.09), which was transmitted to him under date of May 10, 1894.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended that that part of the resolution adopted on April 25, 1894, which provides for the payment of the bill of Clarence McCord for damage done on his farm by engineering party in running a survey line near site of the New Croton Dam, amounting to ten dollars, be rescinded ; and, in lieu thereof, recommended the adoption of the following resolution :

Resolved, That the Aqueduct Commissioners, subject to the approval of the Board of Estimate and Apportionment, hereby approve the bill of Clarence McCord for damage done on his farm by engineering party in running a survey line near site of the New Croton Dam, amounting to ten dollars.

The recommendation was approved and the resolution adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9569 to 9576, inclusive, amounting to $328.12 ; and of final estimate contained in Voucher No. 9566, amounting to $5,670.09.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the minutes of stated meeting of May 2, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, May 23, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee presented the resignation of William Whelan, Axeman, and recommended that it be accepted, to take effect as of May 17, 1894.

On motion of Commissioner Cannon, the recommendation was approved.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging Daniel Carpenter, Laborer, on May 23, 1894, for lack of work, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, May 23, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—Under the authority given me by your resolution of April 25, 1894, I corresponded with several foundries for the purpose of procuring the cast-iron pipe which is to be laid at the New Croton Dam to keep up the water supply of Sing Sing prison while the Old Croton Aqueduct is discontinued.

It being desirable, for reasons familiar to you, to lay that pipe as soon as possible, I thought it advisable to inquire whether a lot of ready pipes could be found, to save the time necessary for manufacturing them.

The following is the result of my inquiries at four leading foundries :

The Warren Foundry and Machine Co. has no pipe on hand, and could not make any to order "before some time in June."

R. D. Wood & Co., of Philadelphia, has no 12-inch but offered a lot of 16-inch pipe.

McNeal Pipe and Foundry Co , of Burlington, N. J., has on hand the necessary amount of 12 inch pipe but heavier than we wanted.

John Fox (representative of Reading Foundry Co.), has the required number of 12-inch pipes of the required weight.

A comparison of the pipes offered and of the prices offered shows the following results :

1st. Warren Foundry and Machine Co.—no pipes on hand.

2d. R. D. Wood & Co.—16-inch pipes (larger than wanted) varying from 1,400 to 1,500 pounds per pipe, 150 pipes, 96.34 long tons, at $21.25 ..... $2,047 22

3d. McNeal Pipe and Foundry Company—12-inch pipes weighing 1,190 pounds each (more than needed) 79.68 tons, at $22.90 per long ton..... 1,824 67

4th. John Fox—12-inch pipes of about the required weight (965 pounds) 64.62 tons, at $22.40..... 1,447 49

The price made by Mr. John Fox, which he does not wish to reduce, is not more than could be expected for this lot of pipes if it were made to order.

The price includes, in all cases, the delivery of the pipes, F. O. B. cars at Sing Sing, N. Y.

I respectfully ask that I be authorized to purchase the pipes offered by John Fox at his price of $22.40 per long ton, delivered. These pipes have been inspected and are satisfactory.

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That authority be and hereby is given to the Chief Engineer to purchase from John Fox the necessary cast-iron pipes to be laid at the New Croton Dam to keep up the water supply of Sing Sing prison while the Old Croton Aqueduct is discontinued, at his price of twenty-two dollars and forty cents ($22.40) per long ton, delivered ; and an appropriation of fourteen hundred and forty-seven dollars and forty-nine cents ($1,447.49) is hereby made to cover the cost thereof.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by John Twiname, contractor, for an extension of time for the completion of his contract for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "M," in the Town of North Salem, Westchester County, New York ; and the Chief Engineer having recommended that an extension of time be granted to October 1, 1894; therefore,

Resolved, That the Aqueduct Commissioners hereby grant to John Twiname, Contractor, an extension of time to October 1, 1894, in which to complete the contract above referred to, providing his bondsmen shall, within ten days from the date hereof, enter into stipulations continuing their obligations for and during the completion of said contract under said extension of time, which is hereby allowed to him as further time for the performance of said contract ; and provided, also, that the work be continued in such a manner as to now establish as safe traffic as possible for the public ; and provided, further, that said contractor will waive all claim for damages whatsoever on account of any raising or lowering of the water in the reservoir that the Commissioners or their Engineer may order, or from such injury or damage as may be caused by the action of the elements ; and provided, further, that if any damage is done to his work by such cause he will waive all

claim for compensation on account of damage, loss of time, or on account of other losses which he may incur from the rising of said water.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the following bills for taxes due the Town of Greenburgh, Westchester County, New York, are hereby approved and ordered certified to the Comptroller for payment :

Returned school tax, School District No. 5, for the year 1892, amounting to.....	$13 61
Town tax for the year 1893, amounting to.....	111 00
School tax, School District No. 5, for the year 1893, amounting to.....	10 25

On motion of Commissioner Scott, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9578 to 9587, inclusive, amounting to $4,628.94.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of May 9 and 16, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, May 30, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, June 6, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing James McCartney as a Mason, at four dollars per day, and John L. McCartney as a Laborer, at two dollars per day, on June 4, 1894, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also reported the resignation of W. H. Armstrong, Laborer, and recommended that it be accepted, to take effect as of May 23, 1894.

On motion of Commissioner Tucker, the recommendation was approved.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, June 6, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—This is to recommend that the Aqueduct Commissioners advertise the sale at auction of all the hay on the site of the Titicus Reservoir.

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the foregoing recommendation of the Chief Engineer be approved, and that the Secretary and Chief Engineer be directed to advertise said hay for sale in the CITY RECORD,

and the local newspaper or newspapers nearest to said reservoir; and that the terms of said sale be fixed by the Chief Engineer.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following, received from the Chief Engineer:

NEW YORK, June 6, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—On May 23 you authorized me to procure from Mr. John Fox the pipes necessary for conveying the water around the contractor's work at the New Groton Dam where the Old Aqueduct at that point is interrupted for the purposes of the work.

These pipes, you may recollect, were found already manufactured in the foundry, and are now on their way and probably at Sing Sing. I stated to you that the special castings necessary for that work had to be manufactured, and prices were asked from the same foundry and also from Messrs. Coldwell-Wilcox Company for the same. Both parties offered to do the work for the same sum, i. e., $52.50 per ton. Mr. Fox, however, asked four weeks to do the work, while Messrs. Coldwell-Wilcox Company promised to do it in two weeks.

The price is reasonable, and, in view of the importance, well known to you, of pushing that work, I ordered the special castings from Messrs. Coldwell-Wilcox Company; the weight is to be about nine (9) tons.

Your approval of my action is respectfully requested.

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in ordering the special castings which are to be used in connection with the cast-iron pipes to be laid at the New Crotom Dam to keep up the water supply of Sing Sing prison while the Old Croton Aqueduct is discontinued, from Coldwell-Wilcox Company, at their bid of fifty-two dollars and fifty cents ($52.50) per ton, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, The Chief Engineer of this Commission has certified in writing, under date of June 6, 1894, that Coldwell-Wilcox Company have completely performed and carried out the provisions of the contract made by them with this Commission on the 12th day of March, 1894, for furnishing and delivering cast-iron pipe and special castings for the New Croton Dam (Cornell site), in the Town of Cortlandt, Westchester County, New York, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by Coldwell-Wilcox Company under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the appropriation made on December 30, 1893, to cover the work of furnishing pipes and special castings required for the New Croton Dam, amounting to one thousand one hundred and seventy-six dollars and ninety-one cents ($1,176.91) be and hereby is increased by the sum of forty-seven dollars and seventy-six cents ($47.76) ; making a total of one thousand two hundred and twenty-four dollars and sixty-seven cents ($1,224.67).

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9595 to 9602, inclusive, amounting to $322.96, and of estimates contained in Vouchers Nos. 9603 to 9607, inclusive, amounting to $62,941.57.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of stated meeting of May 23, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, June 13, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in employing the following persons on June 6, 1894, for work on the roads at Reservoir "D," and in discharging said persons on June 11, 1894, be and hereby is approved:

William Adams, Laborer	$2 00	per day.
John St. John, Laborer	2 00	"
C. B. Travis, Teamster with team	4 00	"
Edward Nugent, Teamster with ox-team	3 50	"

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment:

1st. Of Clinton Stephens, for powder and fuse used in and about the Brewster Dams, amounting to nine dollars and fifty cents.

2d. Of J. S. Coleman for hauling twelve-inch cast-iron pipes from Croton Landing to New Croton Dam, amounting to sixty-nine dollars and sixty-eight cents.

3d. Of R. D. Philbin, for board, transportation, etc., amounting to twenty-nine dollars and forty-five cents.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following received from the Chief Engineer :

NEW YORK, June 13, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—We want shortly to erect two iron bridges, one at Salem Centre, at the upper end of the Titicus Reservoir, and the other below the Main Carmel Dam, and this is to ask you to authorize me to ask bids from a number of reputable bridge companies. The plans and specifications are ready, and the average cost of the bridges, which are not exactly of the same size, is $1,500 apiece.

I am, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That authority be and hereby is given to the Chief Engineer to ask bids for the erection of two iron bridges, one at Salem Centre, at the upper end of Titicus Reservoir, and the other below the main dam, at Carmel, N. Y., the same to be submitted to the Commissioners for their consideration.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bills for taxes due the Town of Ossining, Westchester County, N. Y., for the years 1892 and 1893, including taxes due School District No. 3 of said town for the years 1891 and 1892, amounting in all to ninety-eight dollars and one cent ($98.01), are hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompaning bill for taxes due the Town of Ossining, Westchester County, N. Y., School District No. 3, for the year 1893, amounting to one dollar and eighty cents ($1.80), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended that the following resolution, adopted on January 24, 1894, be rescinded :

"Resolved, That the accompanying bill for taxes due the Village of North Tarrytown, Westchester County, New York, amounting to twenty-seven dollars and seventy cents, is hereby approved and ordered certified to the Comptroller for payment."

And, in lieu thereof, recommended the adoption of the following resolution :

Resolved, That the accompanying bill of the Corporation of the Village of North Tarrytown, Westchester County, N. Y., for redemption of lands owned in fee by the City of New York in the Village of North Tarrytown, sold for taxes on January 19, 1894, and interest thereon, amounting to thirty-five dollars ($35), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the recommendation was approved and the resolution adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Charles O'Shea vs. The Mayor, Aldermen and Commonalty of the City of New York for the sum of one hundred and seventy-five dollars ($175) ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Charles O'Shea for the sum of one hundred and seventy-five dollars ($175), being amount of judgment rendered for salary due said Charles O'Shea while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the resignation of W. W. Proctor, as Purveyor of the Aqueduct Commissioners, herewith presented, be and hereby is accepted, to take effect on June 15, 1894 ; and that in accepting such resignation, the Commissioners take pleasure in testifying to the uniform faithfulness and courtesy with which he has fulfilled the duties which have been assigned to him.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That Jefferson Groub, Clerk in the office of the Aqueduct Commissioners, be and hereby is promoted to the position of Purveyor, in place of W. W. Proctor, resigned, the same to take effect on June 15, 1894 ; his salary to be hereafter determined by the Commissioners.

Resolved, That in addition to the duties now performed by Jefferson Groub, as Purveyor of the Aqueduct Commissioners, he shall, on and after June 15, 1894, take charge of the payments that are required to be made weekly to Laborers and others employed on the New Aqueduct, and that he is hereby required to furnish a bond in the penal sum of $2,500 for the faithful performance of said additional duties, the said bond to be approved by the Counsel to the Corporation as to form, and by the Comptroller as to the sufficiency of the sureties thereon.

On motion of Commissioner Cannon, the same were adopted.

The Comptroller, under date of May 31, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Cornell Dam	$3,949 60
Reservoir "M"	1,213 66

And stating that on May 21, 1894, bonds were issued to the credit of

"Additional Water Fund" for	100,000 00
Leaving a balance to the credit of said fund of	63,388 93

Which was ordered entered upon the books of the Commissioners and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9609 to 9618, inclusive, amounting to $337.53; and of judgment contained in Voucher No. 9619, amounting to $175; also of estimates contained in Vouchers Nos. 9620 and 9621, amounting to $24,877.44.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of stated meeting of June 6, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, June 20, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence of one year from June 11, 1894, without pay, is hereby granted to Assistant Engineer Edward S. Larned, and until he shall be assigned to duty by the Chief Engineer.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Corporation of the Village of North Tarrytown, Westchester County, N. Y., for the year 1894, amounting to thirty-one dollars and twenty-one cents ($31.21), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Annie Fitzgerald, as administratrix, etc., of William Fitzgerald, deceased, vs. The Mayor, Aldermen and Commonalty of the City of New York for the sum of one hundred dollars ($100) ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Annie Fitzgerald, as administratrix, etc., of William Fitzgerald, deceased, for the sum of one hundred dollars ($100), being amount of judgment rendered for salary due said William Fitzgerald while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended that the following resolution, adopted on June 13, 1894, be rescinded :

" Resolved, That Jefferson Groub, Clerk in the office of the Aqueduct Commissioners, be and hereby is promoted to the position of Purveyor, in place of W. W. Proctor, resigned, the same to take effect on June 15, 1894 ; his salary to be hereafter determined by the Commissioners."

On motion of Commissioner Scott, the recommendation was approved.

The Committee also recommended the adoption of the following resolution :

Resolved, That Jefferson Groub be and hereby is recommended to the Civil Service Commissioners for examination for promotion from the grade of Clerk to that of Purveyor in the office of the Aqueduct Commissioners.

On motion of Commissioner Scott, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of judgment contained in Voucher No. 9624, amounting to $100, and of bills contained in Vouchers Nos. 9625 to 9636, inclusive, amounting to $457.35.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, June 27, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in re-assigning Isaac S. Rossell to duty at Reservoir "D" as Superintendent of Dam Construction, on June 20, 1894, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Coleman & Washburn & Washburn, for Portland cement ordered by Chief Engineer, amounting to eight dollars and seventy cents.

2d. Of John E. Barlow, for hardware for use of party making soundings in Jerome Park Reservoir, amounting to ten dollars and sixty-seven cents.

3d. Two bills of Skinner & Connolly, for labor and materials used in "U" bolts and iron bolts, for use at Shaft No. 25 of the New Aqueduct, amounting to forty-four dollars and sixteen cents.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bills for taxes due the Town of Mount Pleasant, Westchester County, N. Y., for the years 1892 and 1893, amounting in all to ninety-six dollars and ninety-four cents, are hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Town of Mount Pleasant, Westchester County, N. Y., School District No. 6, for the year 1893, amounting to three dollars and nine cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That Jefferson Groub, Clerk in the Office of the Aqueduct Commissioners, be and hereby is promoted to the position of Purveyor, in place of W. W. Proctor, resigned, he having been certified by the Civil Service Commission as eligible for such promotion, and his salary is hereby fixed at two thousand dollars per annum, to take effect on July 1, 1894.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Michael H. Sullivan vs. The Mayor, Aldermen and Commonalty of the City of New York for the sum of twenty-two hundred and seventeen dollars and thirty-one cents ($2,217.31) ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Michael H. Sullivan for the sum of twenty-two hundred and seventeen dollars and thirty-one cents ($2,217.31), being amount of judgment rendered for salary due said Michael H. Sullivan while employed as an Inspector of Masonry on the New Aqueduct, with Sheriff's fees on execution, interest, etc., and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the salary of Edward L. Allen, Secretary of the Aqueduct Commissioners, be and hereby is increased to thirty-five hundred dollars per annum, the same to take effect on July 1, 1894.

On motion of Commissioner Scott, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9640 to 9653, inclusive, amounting to $1,685.58 ; and of judgment contained in Voucher No. 9654, amounting to $2,217.31.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of stated meeting of June 13, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, July 11, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing Daniel Carpenter temporarily as Laborer, at two dollars per day, from June 26, 1894, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Richard Baldwin, Jr., be and hereby is recommended to the Civil Service Commissioners for examination for promotion from the grade of Transitman to that of Assistant Engineer in the Engineer Corps of the Aqueduct Commissioners.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence for one year, beginning July 12, 1894, without pay, is hereby granted to Assistant Engineer Frank N. Speyer, and until he shall be assigned to duty by the Chief Engineer.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Assistant Engineers Herbert C. Alden and C. V. V. Powers are hereby detailed to take the places of William B. Swan, resigned, and Edward S. Larned, absent on leave without pay, and their salary is hereby increased from $1,500 to $1,800 per annum, to take effect from and after July 11, 1894.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Remington & Sherman Co., for moving safe from Brewster to Stewart Building, New York City, amounting to $25.93.

2d. Of C. B. Travis, lease of right-of-way through property of E. H. Ganong made necessary by flooding of highways at Carmel, N. Y., in June, 1894, amounting to $10.

3d. Of John M. Rose, for ladders for use at New Croton Dam, amounting to $9.36.

4th. Of William Hyland, for carriage hire for Chief Engineer and Aqueduct Commissioners, amounting to $6.

5th. Of John Peirce, for extra work on foundations of head and engine-house at Shaft No. 25 of New Aqueduct, amounting to $138.19.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, July 11, 1894.

To the Honorable the Aqueduct Commissioners :

GENTLEMEN—In accordance with your resolution of June 13, 1894, I requested seven firms of bridge builders to send me bids for the construction of two small bridges at Salem Centre and at Carmel.

All, with the exception of the Riverside Bridge and Iron Works of New York, sent bids as follows :

NAME OF BIDDER.	SALEM CENTRE BRIDGE.	CARMEL BRIDGE.	TOTAL.
Berlin Iron Bridge Company, East Berlin, Conn.	$673 00	$1,122 00	$1,795 00
Phœnix Bridge Company, Phœnixville, Pa., through J. F. Kelly.	840 00	1,306 00	2,146 00
Passaic Rolling Mills Company, Paterson, N. J.	899 00	1,302 00	2,201 00
King Bridge Company, Cleveland, O.	849 00	1,363 00	2,212 00
Cooper, Hewitt & Co., New Jersey Steel and Iron Company, Trenton, N. J.	916 00	1,469 00	2,385 00
Post & McCord, New York.	1,000 00	1,600 00	2,600 00

The Berlin Iron Bridge Company sent also an offer to build, for $1,660 in all, two bridges of its own pattern, which they would guarantee in the same manner.

I do not recommend the acceptance of that offer as, in addition to the objections which would be made to the acceptance of a bridge for which the other bidders have not had an opportunity to make an offer, I prefer our design on which the bids were based.

The Berlin Iron Bridge Company being the lowest bidders for the two bridges under the specifications and plans submitted by us, I respectfully recommend that they be awarded the contract

for the same, at their price of $673 for the bridge at Salem Centre and $1,122 for the bridge at Carmel; total $1,795.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the work of furnishing and building two highway bridge superstructures, one to be erected at Salem Centre (Reservoir "M"), Westchester County, N. Y., and one to be erected at Carmel (Reservoir "D"), Putnam County, N. Y., be and hereby is awarded to the Berlin Iron Bridge Company at their bid, as follows: For the bridge at Salem Centre six hundred and seventy-three dollars, and for the bridge at Carmel one thousand one hundred and twenty-two dollars.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, In the opinion of the Aqueduct Commissioners, the further sum of five hundred thousand dollars will be required to defray the necessary and lawful current expenditures of said Commissioners; now, therefore be it

Resolved, That the Comptroller of the City of New York be and he is hereby requested to raise the sum of five hundred thousand dollars upon bonds of the City of New York, in conformity with the requirements of section 32, chapter 490, Laws of 1883, of the State of New York, for the uses and purposes of the Aqueduct Commissioners, as set forth in said chapter and section of said law.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of Newcastle, Westchester County, New York, for the year 1893, amounting to sixteen dollars and fifty-three cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of South East, Putnam County, New York, for the year 1893, amounting to fifteen hundred and one dollars and sixty-six cents ($1,501.66), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of South East, Putnam County, New York, School District No. 6, for the year 1893, amounting to one hundred and twenty-one

dollars and eight cents ($121.08), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9658 to 9675, inclusive, amounting to $2,058.41; also of contractors' estimates contained in Vouchers Nos. 9676 to 9681, inclusive, amounting to $83,172.67.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of June 30, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Reservoir "M" (land section)	$101 50
Cornell Dam	1,200 90
Reservoir "M"	456 31

And stating that on June 18, 1894, bonds were issued for the credit of the

Additional Water Fund for	100,000 00
Leaving a balance to the credit of said fund of	50,015 31

Which were ordered entered upon the books of the Commissioners and filed.

On motion of Commissioner Cannon, the minutes of stated meetings of June 20 and 27, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, July 18, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, July 25, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in assigning Caleb H. Watkins to temporary duty as Laborer, at two dollars per day, at Reservoir "D," on July 17, 1894, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in assigning Noah Cummings to duty as Laborer, at two dollars per day, at Reservoir "M," on July 20, 1894, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging Daniel Carpenter, employed as Laborer on the Upper District of the New Aqueduct, on July 10, 1894, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in assigning Isaac S. Rossell to duty as Skilled Laborer, on June 27, 1894, at the rate of four dollars per day of eight hours' duration, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment :

1st. Of Samuel Hopkins, for transportation and board, amounting to $28.54.

2d. Of Sing Sing Lime Company, for four barrels of lime for sanitary purposes, amounting to $4.

3d. Of Skinner & Connolly, for material and labor to make one brass pipe-holder for use at Shaft No. 25 of New Aqueduct, amounting to $13.10.

4th. Of Charles D. Ward, for services rendered in determining lines on site of proposed Jerome Park Reservoir, amounting to $25.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by John L. Merritt, the purchaser of the hay in Reservoir "M," for an extension of time to September 1, 1894, in which to remove the same ; and the Chief Engineer having recommended that such extension of time be granted ; therefore

Resolved, That the Aqueduct Commissioners hereby grant to John L. Merritt an extension of time to September 1, 1894, in which to remove the hay now standing on lands taken for the construction of Reservoir "M," on Titicus river, near Purdy's Station, N. Y., provided said John L. Merritt waives in writing all claims whatsoever for damages due to the raising of the water in the basin of said reservoir, or to any other causes.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended that that part of the resolution adopted on July 11, 1894, approving of bill of C. B. Travis for lease of right of way through property of E. H. Ganong, made necessary by flooding of highways at Carmel, N. Y., in June, 1894, amounting to ten dollars, and ordering the same certified to the Comptroller for payment, be rescinded ; and, in lieu thereof, recommend the adoption of the following resolution :

Resolved, That the Aqueduct Commissioners (subject to the approval of the Board of Estimate and Apportionment) hereby approve the accompanying bill of C. B. Travis for lease of right of way through property of E. H. Ganong, made necessary by flooding of highways at Carmel, N. Y., in June, 1894, amounting to ten dollars, and direct that the same be certified to the Comptroller for payment.

On motion of Commissioner Scott, the recommendation was approved and the resolution adopted.

The Committee also recommended the adoption of the following resolutions:

Resolved, That the resolution adopted by the Aqueduct Commissioners on November 23, 1893, approving of bill for taxes due the Town of South East, Putnam County, N. Y., School District No. 2, for the year 1893, amounting to one hundred and twenty dollars and thirty-nine cents ($120.39), and ordering the same certified to the Comptroller for payment, be and hereby is rescinded.

Resolved, That the resolution adopted by the Aqueduct Commissioners on July 11, 1894, approving of bill for taxes due the Town of South East, Putnam County, N. Y., for the year 1893, amounting to fifteen hundred and one dollars and sixty-six cents ($1,501.66), and ordering the same certified to the Comptroller for payment, be and hereby is rescinded.

Resolved, That the Secretary be and hereby is directed to have said vouchers canceled upon the books of the Aqueduct Commissioners.

On motion of Commissioner Cannon, the same were adopted.

The Committee also presented forms of contract, specifications and bond, received from the Commissioner of Public Works on July 13, 1894, to provide for constructing highways or roads, and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, N. Y., and recommended the adoption of the following resolutions:

Resolved, That the forms of contract, specifications and bond, submitted by the Commissioner of Public Works on July 13, 1894, and approved by the Counsel to the Corporation "as to form," for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, N. Y., be and the same are hereby approved and adopted; and the Secretary is hereby directed to have triplicate copies thereof prepared for certification by the Aqueduct Commissioners, and filed in accordance with section 25, chapter 490, Laws of 1883.

Resolved, That the President and Secretary be and they are hereby directed to advertise in the CITY RECORD, "New York Times" and "Mail and Express" a notice and advertisement inviting sealed bids or proposals for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, N. Y., as provided in the contract and specifications this day approved and adopted by the Aqueduct Commissioners.

The same were adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill of Baxter & Shove for hire of a horse for use of the Engineer Corps at Katonah, N. Y., from April 18, 1893, to July 27, 1894, both inclusive, amounting to three hundred and forty-nine dollars and fifty cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Secretary presented an abstract of trial balance showing the expenditures of the Aqueduct Commission from its inception to and including June 30, 1894.

On motion of Commissioner Scott, the same was received and ordered spread upon the minutes, as follows:

Abstract of Trial Balance, December 30, 1893, to June 30, 1894.

Commissioners' Office.		
Salaries of Commissioners	$254,601 91	
Salaries of Secretary and employees	152,689 16	
Stationery	4,432 62	
Furniture and fixtures	3,372 26	
Rent	44,237 80	
Incidental expenses	7,400 84	
Books, maps and drawings	746 05	
Traveling expenses	1,774 52	
Advertising	29,965 24	
Stenographic reports	4,334 29	
		$503,554 69
Chief Engineer's Office.		
Salaries of Engineers, etc	$507,825 40	
Stationery	6,909 58	
Furniture and fixtures	4,657 69	
Rent	51,715 95	
Incidental expenses	8,739 39	
Books, maps and drawings	21,669 94	
Consulting Engineer's fees	100 00	
Drawing instruments, tables and materials	4,487 38	
Testing machines and tests	8,211 81	
		614,317 14
Tarrytown Office.		
Salaries of Engineers	$57,692 24	
Stationery	1,180 41	
Furniture and fixtures	750 25	
Rent	6,600 00	
Incidental expenses	4,227 91	
Books, maps and drawings	92 81	
Drawing instruments, tables and materials	1,127 78	
Laborers on the line	2,703 17	
Drivers and Laborers	19,989 03	
Field instruments and implements	8,791 99	

Traveling expenses	$4,081 33	
Harness and stable fittings	2,051 20	
Maintenance—Horses and wagons	11,122 82	
Horses	3,573 00	
Wagons	1,518 00	
Hire of horses and wagons	2,324 25	
		$127,826 19

Division Engineers.

Salaries of Engineers and Laborers, old account	$154,834 84	
" " new account	1,564,833 12	
Stationery	7,176 00	
Furniture and fixtures	5,737 66	
Rent	26,790 63	
Incidental expenses	14,884 10	
Books, maps and drawings	87 97	
Drawing instruments, tables and materials	3,372 29	
Field instruments and implements	18,542 77	
Traveling expenses	8,410 53	
Harness and stable fittings	2,263 06	
Maintenance—Horses and wagons	18,506 81	
Horses	3,110 00	
Wagons	2,551 00	
Heating headquarters	10,861 97	
Hire of horses and wagons	1,500 35	
Testing machines and tests	3,053 49	
Laborers on the line	15 75	
Auxiliary offices	4,082 12	
		1,850,614 46

Croton Lake Survey.

Salaries of Engineers and Laborers	$39,620 04	
Incidental expenses	17 34	
Field instruments and implements	583 16	
Traveling expenses	340 92	
Hire of horses and wagons	130 25	
Maintenance—Horses and wagons	51 60	
Rent	24 00	
Harness and stable fittings	45	
Drawing instruments, tables and materials	1 00	
		40,768 76

New Reservoir Survey.		
Salaries—Engineers and Laborers	$9,588 00	
Drawing instruments, tables and materials	25 68	
Field instruments and implements	434 31	
Furniture and fixtures	6 38	
Traveling expenses	8 54	
Stationery	3 91	
Incidental expenses	52 06	
		$10,118 88
Sodom Dam Survey.		
Salaries—Engineers and Laborers	$7,072 68	
Maintenance—Horses and wagons	2 00	
Field instruments and implements	86 49	
Hire of horses and wagons	50 75	
Incidental expenses	44 98	
Stationery	1 50	
Traveling expenses	47 10	
		7,305 50
Surveying Dam Sites.		
Salaries of Engineers and Laborers	$35,395 76	
Stationery	33 30	
Hire of horses and wagons	102 00	
Field instruments and implements	103 75	
Heating headquarters	6 93	
Furniture and fixtures	37 50	
Traveling expenses	713 92	
Drawing instruments, tables and materials	7 80	
Incidental expenses	756 03	
Maintenance—Horses and wagons	793 95	
Rent	815 70	
Books, maps and drawings	8 00	
		38,774 64
Principal Assistant Engineer, New York Office.		
Heating headquarters	$9 25	
Stationery	59 06	
Furniture and fixtures	36 24	
Incidental expenses	53 36	
		157 91

Aqueduct Commissioners' Report, 1883–1887	$8,901 51	
Aqueduct Commissioners' Report, 1887–1892	27 98	
Engraving and printing	27,836 45	
Reports of Engineers and Aqueduct Commissioners on Quaker Bridge Dam	1,473 16	
Reports of Engineers on High Masonry Dam	490 75	
Construction damages	699 50	
Claims for damages	2,438 50	
Taxes on lands	16,355 81	
Land agents	1,168 65	
Diamond rock-boring drills	156,885 79	
Diamond rock borings	7,077 42	
Monumenting the line	3,712 98	
Monumenting Sodom Dam Survey	1,546 72	
Monumenting Aqueduct Tunnel—Division Engineer	143 72	
Models	1,355 43	
Observatory towers	1,805 95	
Judgments	35,814 11	
Land and land damages	64,563 07	
Examination of ventilation and lighting	1,306 36	
Examining Engineers	11,041 82	
Board of Experts, etc., Quaker Bridge Dam	12,550 00	
Experts examining construction work	11,926 16	
Experts on water-gates and other machinery	210 00	
Inspection of cast-iron pipes, etc	8,414 30	
East Branch Reservoir, incidental expenses	165 00	
Abating nuisances in the Croton water-shed	12,717 38	
Monumenting Brewster reservoirs	393 00	
Incidental expenses—Surveying	57 55	
		$391,079 07

Contracts.

	ESTIMATE.	CONTRACTOR.		
Section 1	Final.	Smith & Brown	$649,964 62	
" 2	"	Brown, Howard & Co	2,493,664 38	
" 3	"	"	1,838,247 04	
" 4	"	"	1,807,819 50	
" 5	"	"	812,370 91	
" 6	"	O'Brien & Clark	748,852 97	

	Estimate.	Contractor.	
Section 7	Final.	O'Brien & Clark	$1,783,419 68
" 8	"	"	1,457,678 22
" 9	"	"	1,924,161 07
" B	"	Heman Clark	1,516,572 46
" A	"	"	1,105,840 58
" 12	"	Chas. Peterson, assignee of O'Brien & Clark	140,182 91
" 12	"	O'Brien & Clark	401,740 13
" 13	"	John Brunton & Co	427,641 42
" 14	"	"	647,869 75
" 15	"	Richard A. Malone	156,358 20
" 15½	"	Robert Hanna & Co	27,416 82
" 16	"	O'Brien & Clark	1,013,220 54
" 17	"	Richard J. Malone	37,621 69
East Branch Reservoir Dam	....	Sullivan, Rider & Dougherty	436,499 05
Dams 1 and 2, and adjacent tunnel	....	David R. Paige & Co	329,798 04
Deepening and finishing Shaft No. 24.	Final.	O'Brien & Clark	91,904 59
Iron-lined masonry Aqueduct near Shaft 30	"	Breuchaud, Pennell & Co	69,369 20
Stop-cock valves, etc., on Section 15	"	Coldwell, Wilcox & Co	19,649 53
Gate-house superstructure, etc., at Pocantico	"	John Peirce	21,717 92
Shaft 13A, Section 7	"	O'Brien & Clark	22,963 40
" 13½, " 7	"	"	18,093 69
" 15⅝, " 7	"	John A. Lee	15,412 90
" 17¼, " 8	"	Thomas O'Hern	.....
One Hundred and Thirty-fifth Street Gate-house doors, windows, etc., Section 15	"	Charles W. Palmer	6,935 00
Cast-iron work, wrought-iron work, etc., New Croton Gate-house, Section 1	"	Coldwell, Wilcox & Co	16,057 02
Highways or roads, etc., at East Branch and Bog Brook Reservoirs	"	Clinton Stephens	90,851 69
Gate-house superstructure walls for blow-off chamber at Ardsley, Section 7	"	O'Brien & Clark	4,900 00
Cutting timber and clearing grounds, East Branch and Bog Brook Reservoirs	"	Pennell & O'Hern	8,975 00
22 2′ x 5′ sluice-gates, etc., Sections 15 and 17	"	John Fox	14,190 00
3′ x 4′ sluice-gates, etc., Pocantico, Ardsley and South Yonkers Gate-houses, Sections 4, 7 and 9	"	"	6,750 00
3′ x 6′ sluice-gates, etc., New Croton Gate-house, Section 1	"	"	21,900 00
Earth and masonry dam, Reservoir "M," on Titicus river, near Purdy's Station	....	Washburn, Shaler & Washburn	819,985 10
Gate-house superstructure at South Yonkers, Section 9	Final.	O'Brien & Clark	20,349 79
Gate-house superstructure, etc., for new gate chambers at Croton Dam, Section 1	....	Smith, Brown & Coleman	51,783 01

	ESTIMATE.	CONTRACTOR.		
Combined stationary hoisting engines, etc., for Shaft 25, Section 12	Final.	Charles Peterson	$11,250 00	
Two pairs horizontal tubular boilers, etc., Shaft 25, Section 12	"	West Point Manufacturing Company	11,900 00	
Earth and masonry dam, Reservoir "D"	....	Michael S. Coleman	127,039 74	
Earth and masonry dam, Reservoir "D"	....	Coleman & Washburn & Washburn, assignees of Michael S. Coleman.	151,907 01	
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	....	Michael S. Coleman	57,480 99	
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	....	Coleman & Washburn & Washburn, assignees of Michael S. Coleman.	25,306 88	
Eleven head-house superstructures, etc., for the shafts	Final.	Breuchaud, Pennell & Co	40,251 28	
Blow-off Shaft 24, Section A	....	John M. Waddle	1,644 91	
" 24, " A	....	John F. Gaynor, assignee of John M. Waddle	19,527 43	
" 24, " A	....	New York Central and Hudson River Railroad Company	491 84	
Two complete portable hoisting plants	Final.	West Point Manufacturing Company	7,800 00	
Highway, retaining-walls, appurtenances, etc., Croton Dam	....	Augustine M. Newton	16,717 09	
Grading, improving and fencing grounds, One Hundred and Thirty-fifth Street Gate-house.	....	Peter J. Moran	9,564 77	
Grading, improving and fencing grounds at several of the shafts	....	Hyman Levy & Thomas Quinn	22,374 14	
Head-house and engine-room superstructure, etc., Shaft 25, Section 12	....	John Peirce, assignee of W. H. Baker.	43,605 80	
Two brick engine-houses for the portable hoisting plants	....	John Twiname	9,546 00	
New Croton Dam	....	James S. Coleman	458,625 48	
Fencing the boundary of the East Branch Reservoir	....	John E. Brooks	10,647 73	
Highways or roads and their appurtenances, etc., at Reservoir "D"	....	Peter J. Moran	3,083 52	
Highways or roads and their appurtenances, etc., at Reservoir "D"	....	John Flanagan, assignee of Peter J. Moran	67,529 58	
Highways or roads and their appurtenances, etc., at Reservoir "M"	....	John Twiname	40,378 63	
Six sluice-gates with hoisting apparatus, Gate-house, Titicus Dam	....	Coldwell, Wilcox & Co	4,479 00	
Total contracts	.....		.....	$22,219,909 64

Agreements.

	ESTIMATE.	CONTRACTOR.		
Shaft 11C, Section 5	Final.	Brown, Howard & Co	$5,000 00	
" 12C, " 6	"	O'Brien & Clark	5,000 00	
" 16½, " 8	"	"	5,000 00	
" 18½, " 9	"	"	5,000 00	
" 19½, " B	"	Heman Clark	5,000 00	
" 17½, " 8	"	Thomas O'Hern	2,222 12	

	Esti. mate.	Contractor.	
Culvert at Shaft 19, Section 9	Final.	O'Brien & Clark	$4,983 74
" 20, " B	"	Heman Clark	2,932 05
" 23, " A	"	O'Brien & Clark	3,208 86
Crib dock, near Shaft 25, Section 12	"	Charles Peterson	3,694 60
Ironwork—For Saw Mill River Blow-off, etc., Section 7	"	Coldwell, Wilcox & Co	1,962 57
Ironwork—For Pocantico Blow-off, etc., Section 4	"	"	144 11
Ironwork—For Tibbett's Brook Blow-off, etc., Section 9	"	"	144 11
Ironwork—For lining Shafts 22 to 24, Section A	"	"	3,463 43
Ironwork—For lining Shaft 20, Section B	"	"	2,663 28
Ironwork—For lining Shaft 28, Section 13	"	"	2,315 02
Ironwork—For lining Shaft 29, Section 14	"	"	2,358 57
Cast and wrought iron ladders for shafts, Sections 1 to 9 and B and A	"	"	2,824 25
Roof, iron floor plates, etc., at Ardsley Gate-house, Section 7	"	"	3,326 70
Cast-iron special pipe lining and manhole covers, etc., Shaft 24, Section A	"	"	4,931 19
Filling low ground, Shaft Site No. 12, Section 6	"	O'Brien & Clark	4,910 00
Cave-in, Shaft 13, Section 7	"	"	5,000 00
Laying 20" pipe along the incline adjacent to Shaft 24, Section A	"	"	2,895 83
Grouting near Shaft 17½, on Section 8	"	"	4,427 50
Grouting, Stations 778+00 and 779+30, Section 7	"	"	1,075 00
Grouting on Section 13	"	Rogers, Shanly & Co	5,000 00
Grouting near Shaft 30	"	Breuchaud, Pennell & Co	2,900 93
Lining Shaft 24, Section A	....	The McNeal Pipe and Foundry Co	987 32
Highway, trestle-work and bridges at Croton Dam, Section 1	Final.	Smith & Brown	4,500 00
Sodding the South Yonkers embankment on Section 9	"	Rider & Dougherty	1,575 57
Taking down and enlarging top of Shaft 11C, Section 5	"	C. L. Kalmbach	2,917 32
Walls, foundations, etc., near blow-off chamber, Shaft 25, Section 12	"	Charles Peterson	2,233 12
Frame head-house and engine-room at Shaft 25, Section 12	"	"	3,690 00
Frame boiler-house and coal-bin at Shaft 25, Section 12	"	"	3,635 00
9" anti-friction pump and improved turbine wheel, etc., Croton Dam Gate-house, Section 1	"	Joseph Edwards & Co	2,135 00
6.2' x 5' sluice-gates at Bog Brook and Sodom Dams	"	John Fox	4,200 00
Pivot gate, Bog Brook Dams 1 and 2	"	Coldwell, Wilcox & Co	2,445 00
Finishing Shaft 21	"	William H. Baker	1,660 81
Fence at Shaft 24	....	Francis V. Smith	865 24
Soiling, sodding and seeding the shaft and adjacent grounds at Shaft 24	....	John Twiname	900 90
2-2' x 10' sluice-gates at Bog Brook Tunnel Gate-house	....	John Fox	2,750 00
Two-story and attic frame office building	....	John Schlachter	4,650 00

	ESTIMATE.	CONTRACTOR.		
Bridge across the Saw Mill river near Shaft 12	....	Daniel Carpenter	$816 50	
For cutting timber and clearing grounds at Reservoir "M," Purdy's Station	....	John L. Merritt	3,448 00	
Extra work for grading, improving and fencing grounds at several shafts	....	Levy & Quinn	749 01	
Extra work on two-story and attic frame office building	....	John Schlachter	233 45	
				$136,686 10
Bailing, pumping and taking care of water on Section A			$1,669 73	
Pumping water in iron pipes, Section 12			6,063 65	
" " 13			5,405 00	
" " 14			7,935 00	
Iron pipe laid in tunnel, Section A			4,615 76	
" " B			980 50	
48-inch pipes at Shaft 11B			327 50	
48-inch stop-cock valves			4,500 00	
Ironwork, etc.—				
At shafts			21,675 74	
For gate-houses and blow-offs			20,174 57	
For dams			7,894 00	
Timber work, etc., at shafts and gate-houses			19,901 71	
Explorations under the Harlem river			4,384 26	
Experimental section in concrete, at Shaft 18			185 25	
Extra work, etc., on Section 1			4,616 03	
" " 6			42 70	
" " 12			171 35	
" " 14			696 21	
" " 15			89 32	
" " 16			668 98	
" enlarging Shaft 11C			147 81	
" on the Pocantico Gate-house			287 44	
" on the eleven head-houses			325 64	
Grading, improving and fencing grounds at One Hundred and Thirty-fifth Street Gate-house			256 73	
On Dams Nos. 1 and 2			444 31	
On blow-offs, etc., Shaft 24			615 24	
Repairing roof, New Croton Gate-house			111 82	
Head-house, Shaft 25			167 09	
Purdy's Dam			144 05	
				114,497 39

Additional work, Section 9	$49 37	
" " 12	65 73	
" " A	1,609 56	
" East Branch Reservoir Dam	2,250 08	
" Dams Nos. 1 and 2	480 06	
" earth and masonry dam, Reservoir "M"	1,339 53	
" highways or roads, etc., at East Branch and Bog Brook Reservoirs.	3,095 00	
" Shaft 21	95 85	
Two brick engine-houses	911 75	
Iron-lined masonry Aqueduct near Shaft 30	2,000 00	
Grubbing and clearing grounds, Shaft 24	40 70	
Shafts 15½ and 16	43 50	
Removing solid rock in Harlem river, near Shaft 25	701 03	
Grading, etc., trenches, Quaker Bridge Dam site	150 00	
Grading and finishing the grounds adjacent Shaft 19½	125 00	
Surveys and topographical map, Croton Watershed	7,000 00	
Soundings south of One Hundred and Thirty-fifth street	931 18	
Sinking Test Pits—		
Titicus river and Reservoir "D" dam sites	540 35	
Cornell Dam sites	63 56	
Hoisting-engines for shafts	1,700 00	
Coating interior of Aqueduct with cement	8,384 37	
Telephone line	4,995 62	
Preparing, pumping, etc., inverted siphon, sections	2,643 91	
Preparing the Aqueduct for permanent use	211 66	
Iron bridge on the East Branch of the Croton river	2,145 00	
Fencing around reservoirs, shaft-sites, etc	2,020 43	
Drain in One Hundred and Sixty-seventh street and Amsterdam avenue	906 00	
Repairs, Janitor's house, New Croton Dam	47 42	
Furnishing cast-iron pipe, special castings, etc	1,224 67	
12-inch cast-iron water-pipe—Water supply, Sing Sing Prison	1,380 77	
		$47,152 10

Commissioners of Appraisal—Awards.

Twenty-fourth Ward	$163,090 47	
Manhattan Island Section	802,230 93	
Westchester County	435,088 62	
Putnam County Section	504,249 50	
		1,904,659 52

Commissioners of Appraisal.		
City and County of New York	$101,339 42	
Westchester County	360,624 88	
Manhattan Island Section	78,860 04	
Putnam County Section	141,881 53	
		$682,705 87
Total expenditures		$28,690,127 86
Cr.		
Additional Water Stock		$28,095,000 00
Premium account		607,168 70
Additional Water Fund—"Miscellaneous"		15,933 75
Total receipts		$28,718,102 45
Balance, Comptroller's account		$27,974 59

Statement of Receipts and Expenditures of the Aqueduct Commissioners, June 30, 1894.

RECEIPTS.			
From Bonds Issued—			
Amount of bonds	$28,095,000 00		
Premiums on same	607,168 70		
From proceeds of miscellaneous sales, etc	15,933 75		
Total receipts		$28,718,102 45	
EXPENDITURES.			
Vouchers, pay-rolls, etc	$3,681,603 66		
Contracts, agreements, etc	22,356,595 74		
Land and land damages	64,563 07		
Commissioners of Appraisal—			
Awards	1,904,659 52		
Fees of Counsels, Commissioners, etc	682,705 87		
Total expenditures		28,690,127 86	
Balance, Comptroller's account			$27,974 59

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9685 to 9709, inclusive, amounting to $1,598.13.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of stated meeting of July 11, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, August 1, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, August 8, 1894, no quorum being present, the meeting stood adjourned to the next stated meeting, to be held on Wednesday, August 15, 1894, at 3 o'clock P. M.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, August 15, 1894, no quorum being present, the meeting stood adjourned until Friday, August 17, 1894, at 1.30 o'clock P. M.

EDWARD L. ALLEN, Secretary.

NOTE.—On Friday, August 17, 1894, no quorum being present, the meeting stood adjourned to the next stated meeting, to be held on Wednesday, August 22, 1894, at 3 o'clock P. M.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, August 22, 1894, no quorum being present, the meeting stood adjourned to the next stated meeting, to be held on Wednesday, August 29, 1894, at 3 o'clock P. M.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, August 29, 1894, no quorum being present, the meeting stood adjourned to the next stated meeting, to be held on Wednesday, September 5, 1894, at 3 o'clock P. M.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, September 5, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Thursday, September 6, 1894, at 2 o'clock P. M.

Present—The Comptroller, the Commissioner of Public Works and Commissioners Tucker and Scott.

Vice-President Tucker in the Chair.

The Construction or Executive Committee submitted the following :

The Construction or Executive Committee report :

That at their meeting held on August 15, 1894, the following resolution was adopted, and they now ask your approval of their action :

Resoved, That the bid-box be closed and the keys given to the President, and that the Secretary be authorized by this Commission to receive the bids for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners, and also to receive the checks of the bidders, and to make the necessary preparations for opening the bids received for doing said work under the law.

On motion of Commissioner Scott, the action of the Committee was approved.

In pursuance to the following notice, published daily for fifteen consecutive days, commencing with July 28, 1894, in the CITY RECORD, "The Times" and "The Mail and Express," bids were received for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York :

AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, July 28, 1894.

To Contractors.

Bids or proposals for doing the work and furnishing the materials called for in the approved form of contract now on file in the office of the Aqueduct Commissioners, for constructing highways or roads, and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel

and Kent, Putnam County, N. Y., will be received at this office until Wednesday, August 15, 1894, at 3 o'clock P. M., at which place and hour they will be publicly opened by the Aqueduct Commissioners, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said approved contract and the specifications thereof, and bids or proposals and proper envelopes for their inclosure and form of bids, and also the plans of said work, and all other information can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners.

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

The following bids received for doing said work, upon which the required deposits had been made, were then opened and read aloud by the Secretary :

1. Aaron Light & Co	$115,690 50
2. Hawkes & Stratford	114,334 50
3. John Flanagan & Son	102,765 00
4. Stephen J. Peirano and A. A. Cuneo	114,655 00
5. Cole & Merritt	106,101 50
6. Dougherty & Berrigan	112,947 50
7. Richard Dooley	119,615 00
8. John Twiname	109,155 00

Whereupon, on motion of Commissioner Scott, the following preamble and resolution was adopted :

Whereas, Bids for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel and Kent, Putnan County, New York, having been received and publicly opened and read ; therefore,

Resolved, That the Chief Engineer is hereby directed to have said bids calculated and tabulated and submit the same, together with his estimate of the work, at a meeting of the Construction or Executive Committee of the Aqueduct Commissioners, for consideration and canvassing by them, at three o'clock P.M., on the twelfth day of September, 1894, and the bids and checks of the bidders so received are hereby referred to the Committee of Finance and Audit for examination and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the Town of Cortlandt, Westchester County, N. Y., for the year 1893 (including school tax, District No. 3), on property taken in fee by the City of New York for the construction of the New Croton Aqueduct in said town, amounting

to five hundred and forty-one dollars and eighteen cents ($541.18), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of Yorktown, Westchester County, N. Y., for the year 1893 (including school tax, Districts Nos. 9 and 10), on property taken in fee by the City of New York for the construction of the New Croton Aqueduct in said town, amounting to two hundred and four dollars and seventy-four cents ($204.74), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the Town of North Salem, Westchester County, N. Y., for the year 1893, amounting to eight hundred and fourteen dollars and seventy-two cents ($814.72), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Peter Smith vs. The Mayor, Aldermen and Commonalty of the City of New York for the sum of three hundred and twenty-seven dollars and four cents ($327.04); therefore,

Resolved, That a voucher be and hereby is ordered drawn in favor of Peter Smith for the sum of three hundred and twenty-seven dollars and four cents ($327.04), being amount of judgment rendered for salary due said Peter Smith while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Daniel Moriarty vs. The Mayor, Aldermen and Commonalty of the City of New York, for the sum of four hundred and fifty-nine dollars and ninety-eight cents ($459.98); therefore,

Resolved, That a voucher be and hereby is ordered drawn in favor of Daniel Moriarty for the sum of four hundred and fifty-nine dollars and ninety-eight cents ($459.98), being amount of judgment rendered for salary due said Daniel Moriarty while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also presented the following, received from the Board of Estimate and Apportionment, and recommended that the same be spread upon the minutes and filed:

"BOARD OF ESTIMATE AND APPORTIONMENT, CITY OF NEW YORK.

"And offered the following:

"Whereas, The Aqueduct Commissioners, at a meeting held July 25, 1894, adopted the following resolution:

"'Resolved, That the Aqueduct Commissioners, subject to the approval of the of Board Estimate and Apportionment, hereby approve the accompanying bill of C. B. Travis, for lease of right-of-way through property of E. H. Ganong, made necessary by flooding of highways at Carmel, N. Y., in June, 1894, amounting to ten dollars, and direct that the same be certified to the Comptroller for payment.'

"Resolved, That the Board of Estimate and Apportionment approves of and concurs in said resolution.

"A true copy of preamble and resolution adopted by the Board of Estimate and Apportionment, July 31, 1894.

"CHAS. V. ADEE, Clerk."

On motion of Commissioner Scott, the recommendation was approved.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9719 to 9727, inclusive, and No. 9730, amounting to $4,285.15; also of judgments contained in Vouchers Nos. 9728 and 9729, amounting to $787.02; also of bills contained in Vouchers Nos. 9731 to 9848, inclusive, amounting to $351.74; also of estimates contained in Vouchers Nos. 9749 to 9754, inclusive, amounting to $73,121.69; also of bills contained in Vouchers Nos. 9757 to 9766, inclusive, amounting to $445.35; also of bills contained in Vouchers Nos. 9768 to 9773, inclusive, amounting to $342.06, and of bills contained in Vouchers Nos. 9782 to 9790, inclusive, amounting to $1,032.41.

On motion of Commissioner Scott, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, September 12, 1894, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, September 19, 1894, at 3 o'clock P. M.

Present—The Mayor and Commissioners Duane, Tucker and Scott.

The Committee of Finance and Audit submitted the following :

The Committee of Finance and Andit report :

That they have examined the bids and checks received August 15, 1894, for constructing high ways or roads and their appurtenances, fences, etc., at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, N. Y.

The checks, amounting to thirteen thousand five hundred dollars ($13,500), were correct, and transmitted to the Comptroller, and his receipt is on file.

A bid was presented by Thomas F. Martin, of Brooklyn, N. Y., which, at his request, and upon the advice of the Counsel to the Corporation, and before the opening of the other bids, was returned to him unopened, and his check was returned to him by the Comptroller.

The bids were found correct as to their formality, with the exception of the following :

Bid No. 4—Of Stephen J. Peirano and Andrew A. Cuneo, is not signed by bidders.

Bid No. 7—Of Richard Dooley, is not signed by bidder.

The sureties proposed by the bidders appear to be sufficient.

On motion of Commissioner Tucker, the same was ordered spread on the minutes and filed.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer, and recommended that the same be spread upon the minutes and filed :

NEW YORK, September 12, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—In compliance with the resolution of the Aqueduct Commissioners of September 6, 1894, I beg to submit the tabulated results of the bids presented on the same day for constructing new highways in Reservoir "D," at Carmel.

My estimate of the cost of the work, submitted to you before the opening of the bids, was $114,517.50.

The bids are as follows:

John Flanagan & Son	$102,765 00
Cole & Merritt	106,101 50
John Twiname	109,155 00
Dougherty & Berrigan	112,947 50
Hawkes & Stratford	114,334 50
Stephen J. Peirano and A. A. Cuneo	114,655 00
Aaron Light & Co	115,690 50
Richard Dooley	119,615 00

I am, respectfully,

A. FTELEY, Chief Engineer.

On motion of Commissioner Scott, the recommendation was approved.

The Committee also recommended the adoption of the following resolution:

Resolved, That the contract for constructing highways or roads and their appurtenances, fences, etc., at Reservoir "D," in the towns of Carmel and Kent, Putnam County, N. Y., be and the same is hereby awarded to John Flanagan & Son at their bid of one hundred and two thousand seven hundred and sixty-five dollars ($102,765), it being the lowest bid received, and less than the estimate of the Chief Engineer.

The same was adopted by the following vote:

Affirmative—The Mayor and Commissioners Duane, Tucker and Scott—4.

The Committee also presented final plan sheet, described as "Exhibit No. 5 of 1894," submitted by the Commissioner of Public Works on September 10, 1894, showing certain parcels of land required for the construction of the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, and recommended the adoption of the following resolution:

Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet showing certain parcels of land required for the construction of the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, and direct that the same be duly certified and filed in this office and designated "Final Plan Sheet No. 5 of 1894"; and that a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office, as required by section 25 of the aforesaid act.

The same was adopted by the following vote:

Affirmative—The Mayor and Commissioners Duane, Tucker and Scott—4.

The Committee also presented six similar property maps, submitted by the Commissioner of Public Works on September 10, 1894, showing certain parcels of land required for the construction of the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, and recommended the adoption of the following resolution:

Resolved, That the six similar property maps, received from the Commissioner of Public Works on September 10, 1894, showing certain parcels of land required for the construction of the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, be and the same are hereby approved and adopted, and directed to be certified to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps; and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote:

Affirmative—The Mayor and Commissioners Duane, Tucker and Scott—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in discharging Caleb H. Watkins, Laborer, temporarily employed at the Carmel Dams, on July 27, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in discharging Isaac S. Rossell, employed as Skilled Laborer at the Carmel Dam, on July 31, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in assigning Prescott H. Coolidge to duty as Laborer at Carmel, N. Y., on August 10, 1894, at two dollars per day, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the appointment of J. J. Murphy as Laborer, for work at Purdy's Station, on August 22, 1894, at three dollars per day, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in assigning Isaac S. Rossell to duty as Skilled Laborer at the New Croton Dam, on August 27, 1894, at four dollars per day, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in assigning Eberhard J. Wulff to duty as Laborer at Carmel, N. Y., on August 27, 1894, at two dollars per day, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in temporarily employing T. Lloyd Henry as a Laborer at Purdy's Dam, at two dollars per day, on September 10, 1894, be and the same is hereby approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Charles E. Richards, Skilled Laborer, now employed by the day, from and after September 19, 1894, shall be paid by the month, at the rate of eighty dollars per month.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Julian Thornley, now employed as Axeman in the Engineer Corps of the Aqueduct Commission, be and hereby is appointed to the position of Chainman in said corps, at a salary of sixty dollars per month, he having been certified by the Civil Service Commission as eligible for such appointment ; the same to take effect from and after September 19, 1894.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging H. J. Tattersall, employed as Laborer at Carmel, N. Y., on August 6, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9801 to 9815, inclusive, amounting to $651.81 ; also of estimates contained in Vouchers Nos. 9795 to 9800, inclusive, amounting to $64,169.65.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of July 31, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for—

Cornell Dam	$69,971 51
Reservoir "M"	799 20

And stating that bonds were issued to the credit of Additional Water Fund—

On July 12, 1894	$100,000 00
On July 24, 1894	100,000 00
Leaving a balance to the credit of said fund of	77,656 51

And under date of August 31, 1894, for—

Reservoir "M"	252 50
Cornell Dam	1,811 14

And stating that bonds were issued to the credit of Additional Water Fund—

On August 30, 1894	50,000 00
Leaving a balance to the credit of said fund of	33,169 82

Which were ordered entered upon the books of the Commissioners and filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE—On Wednesday, September 26, 1894, no quorom being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, October 3, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by the Berlin Iron Bridge Company, contractors, for an extension of time to September 15, 1894, for the completion of their contract for furnishing and building two highway bridge superstructures, to be erected at Salem Centre (Reservoir "M"), Westchester County, N. Y., and at Carmel (Reservoir "D"), Putnam County, N. Y.; and the Chief Engineer having recommended that such extension of time be granted ; therefore,

Resolved, That the Aqueduct Commissioners hereby grant to the Berlin Iron Bridge Company, contractors, an extension of time to September 15, 1894, in which to complete the contract above referred to.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of R. D. Philbin, for board and transportation, amounting to twenty-six dollars and fourteen cents.

2d. Of Baxter & Shove, for hire of horse for one hundred and ninety-eight days and for use of teams for Commissioners and members of Engineer Corps, amounting to three hundred and fifty-two dollars.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Samuel Hopkins, for transportation and board, amounting to twenty-two dollars and sixty-four cents.

2d. Of Heitman & Boese, for wagon hire during the month of July in the transportation of Engineer party on the Jerome Park Survey, amounting to twenty dollars.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Heitman & Boese, for transporting Engineer Corps from Bedford Park to Jerome Park during the month of August, amounting to twenty dollars.

2d. Of John Slaven, for carriage at New Croton Dam for use of Commissioners, amounting to five dollars.

3d. Of William James, for board at Croton Lake, amounting to thirty-nine dollars and twenty-four cents.

4th. Of M. A. Viele, for hotel expenses for himself and assistant, incurred in connection with establishing the meridian for Jerome Park Reservoir, amounting to six dollars and seventy-four cents.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in increasing the salary of Richard D. Philbin, Journeyman Machinist, from three dollars to three dollars and fifty cents per day, the same to take effect on October 1, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing Robert L. Fraser as Journeyman Machinist, on October 1, 1894, at three dollars and fifty cents per day, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in discharging Henry Bailey, Laborer, with the Diamond Drill Party at Jerome Park Reservoir, on September 5, 1894, be and hereby is approved.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in employing Baldwin Jones as a Laborer with the Diamond Drill Party, at Jerome Park Reservoir, at sixty-five dollars per month, vice Henry Bailey, discharged, his services having commenced on September 11, 1894, be and hereby is approved.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Skinner & Connolly, for labor and materials used in making eye-bolts, shackles and brackets to be used at the Croton Dam Gate-house, amounting to thirty-two dollars and sixty cents ($32.60), be and is hereby approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in cancelling the assignment to duty of P. J. Moynihan, Superintendent of Dam Construction, on October 2, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution:

Whereas, The Chief Engineer of this Commission has certified in writing, under date of October 3, 1894, that the Berlin Iron Bridge Company has completely performed and carried out the provisions of the contract made by them with this Commission on the 14th day of July, 1894, for furnishing, delivering and erecting at Salem Centre (Reservoir "M"), Westchester County, N. Y., one highway bridge superstructure, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof; therefore,

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by the Berlin Iron Bridge Company, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners, and certified to the Comptroller for payment.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has certified in writing, under date of October 3, 1894, that the Berlin Iron Bridge Company has completely performed and carried out the provisions of the contract made by them with this Commission on the 14th day of July, 1894, for furnishing, delivering and erecting at Carmel (Reservoir "D"), Putnam County, N. Y., one highway bridge superstructure, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof ; therefore,

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by the Berlin Iron Bridge Company, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said agreement be approved by the Aqueduct Commissioners, and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9824 to 9844, inclusive, amounting to $721.13 ; and of final estimates contained in Vouchers Nos. 9845 and 9846, amounting to $1,795.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of July 11, 25, September 6 and 19, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, October 10, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer:

NEW YORK, October 10, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—Several houses, occupied by the contractors, remain in Basin "M." They should now be removed, and I respectfully recommend that the Secretary be directed to sell the same at auction, to be removed on or before November 20, 1894.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That the foregoing recommendation of the Chief Engineer be approved, and that the President and Secretary be directed to advertise said houses for sale at public auction in the CITY RECORD of this city, and in the local newspaper or newspapers nearest to Reservoir "M"; and that the terms of sale be fixed by the Chief Engineer.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill for taxes due the town of North Salem, Westchester County, N. Y., School District No. 6, for the year 1894, amounting to one hundred and twelve dollars and twenty-three cents ($112.23), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Comptroller, under date of September 29, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners, for

Cornell Dam	$4,312 92
Reservoir "M"	5,430 00

And stating that on September 24, 1894, bonds were issued to the credit of

"Additional Water Fund" for	60,000 00
Leaving a balance to the credit of said fund of	7,826 08

Which was ordered entered upon the books of the Commissioners and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9848 to 9856, inclusive, amounting to $516.33; and of estimates contained in Vouchers Nos. 9857 to 9862, inclusive, amounting to $58,510.98.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, October 17, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended that the following resolutions, adopted on September 19, 1894, be rescinded:

"Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet showing certain parcels of land required for the construction of the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, and direct that the same be duly certified and filed in this office and designated 'Final Plan Sheet No. 5 of 1894,' and that a copy thereof be certified and transmitted to the Commissioner of Public Works, for filing in his office, as required by section 25 of the aforesaid act.

"Resolved, That the six similar property maps, received from the Commissioner of Public Works on September 10, 1894, showing certain parcels of land required for the construction of the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, be and the same are hereby approved and adopted, and directed to be certified to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps; and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises."

And also recommended the adoption of the following resolution:

Resolved, That the copy of the final plan sheet and the property maps referred to in the above resolutions be and the same are hereby ordered withdrawn from the offices of the Commissioner of Public Works and the Counsel to the Corporation.

On motion of Commissioner Scott, the recommendations were approved.

The Committee also presented the following communications, and recommended that they be spread in full upon the minutes and filed:

NEW YORK, October 17, 1894.

To the Aqueduct Commissioners:

GENTLEMEN—In handing you the accompanying letter of the Commissioner of Public Works, dated October 15, 1894, in which he transmits final plan sheets and six similar maps of land to be taken for the Jerome Park Reservoir, it may be proper to state as follows:

The Counsel to the Corporation, to whom you forwarded, on September 21, 1894, the maps accepted by yourselves for the land to be acquired for the construction of a receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York, to be known as the "Jerome Park Reservoir," having represented that the descriptions of the proposed highways in connection with the reservoir were not fully given as required by the amendment of 1887 (chapter 196), the Commissioner of Public Works was requested to prepare a new set of maps, including the amendments called for by the Counsel to the Corporation. The amended maps, which conform in all respects with the maps formerly transmitted on September 10, 1894, with the exception of the aforesaid amended descriptions and title, were duly transmitted by the Commissioner of Public Works, together with his aforesaid letter of October 15.

Very respectfully,

EDWARD L. ALLEN, Secretary.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE,
No. 31 CHAMBERS STREET,
NEW YORK, October 15, 1894.

Gen. JAMES C. DUANE, *President, Aqueduct Commission:*

DEAR SIR—I transmit herewith final plan sheets and six similar maps of land to be taken for the Jerome Park Reservoir. These final plan sheets and maps are in place of others heretofore transmitted to you, and contain additional information, etc., called for by the Counsel to the Corporation.

Very respectfully,

MICHAEL T. DALY, Commissioner of Public Works.

On motion of Commissioner Scott, the recommendation was approved.

The Committee also presented final plan sheet, described as "Exhibit No. 5 of 1894," submitted by the Commissioner of Public Works on October 15, 1894, showing certain parcels of land required for the construction of a receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York, to be known as the "Jerome Park Reservoir," and recommended the adoption of the following resolution:

Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet showing certain parcels of land required for the construction of a receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York, to be known as the "Jerome Park Reservoir," and direct that the same be duly certified and filed in this office and designated "Final Plan Sheet No. 5 of 1894"; and that

a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office, as required by section 25 of the aforesaid act.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also presented six similar property maps, submitted by the Commissioner of Public Works on October 15, 1894, showing certain parcels of land required for the construction of a receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York, to be known as the "Jerome Park Reservoir," and recommended the adoption of the following resolution :

Resolved, That the six similar property maps received from the Commissioner of Public Works on October 15, 1894, showing certain parcels of land required for the construction of a receiving and distributing reservoir in the Twenty-fourth Ward of the City of New York, to be known as the "Jerome Park Reservoir," be and the same are hereby approved and adopted, and directed to be certified to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York ; and the Counsel to the Corporation is hereby requested to take the steps neceesary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps ; and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the town of North Salem, Westchester County, N. Y., for the year 1894 (School District No. 2), on property taken in fee by the City of New York for the construction of the New Croton Aqueduct in said town, amounting to seventy-seven dollars and twenty cents ($77.20), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the town of Greenburgh, Westchester County, N. Y., for the year 1894 (School District No. 5), on property taken in fee by the City of New York for the construction of the New Croton Aqueduct in said town, amounting to ten dollars and fifty cents ($10.50), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due the towns of Ossining and Mount Pleasant, Westchester County, N. Y., for the year 1894 (School District No. 6), on property taken in fee by the City of New York for the construction of the New Croton Aqueduct in said towns, amounting to

one dollar and thirty-six cents ($1.36), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, Julian Thornley, Chainman, be and hereby is recommended to the Civil Service Commissioners for examination for promotion to the grade of Rodman in the Engineer Corps.

On motion of Commissioner Scott, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9863 to 9877, inclusive, amounting to $248.45.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, October 24, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the Aqueduct Commissioners hereby de-ignate the receiving and distributing reservoir proposed to be constructed in the Twenty-fourth Ward of the City of New York as the "Jerome Park Reservoir."

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of Board of Water Commissioners of the Village of Sing Sing, for water supply for Sing Sing Prison, made necessary by cutting off the supply from the Old Croton Aqueduct in connection with the construction of the New Croton Dam, amounting to four hundred and eighty dollars ($480).

2d. Of Samuel Hopkins, for transportation and board, amounting to seventeen dollars and forty-four cents ($17.44).

On motion of Commissioner Tucker, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9883 to 9885, inclusive, amounting to $80.36.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of October 3 and 10, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, October 31, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of George Juengst & Sons, for labor and materials on gate slide at Sodom Dam, amounting to forty-five dollars ($45).

2d. Of W. W. Weed, for two portable tool-boxes for use of party of machinists, amounting to nineteen dollars ($19).

3d. Of James McCartney, for use of horse and for blacksmith's and plumber's bills, amounting to ninety-eight dollars and seventy cents ($98.70).

4th. Of Samuel Hopkins, for board and transportation, amounting to forty dollars and eighty-seven cents ($40.87).

5th. Of Bert Tompkins, for board and transportation, amounting to fifty-three dollars and forty-four cents ($53.44).

6th. Two bills of R. D. Philbin, for board and transportation, amounting respectively to thirty-one dollars and sixty-nine cents ($31.69), and twenty-seven dollars and twenty-nine cents ($27.29).

On motion of Commissioner Cannon, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer:

NEW YORK, October 31, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—In pursuance of the authority given me by your resolution of October 10, I beg to submit the bids received for the clearing of the land at Reservoir "M."

In my aforesaid letter I reported that I was not fully ready to make an accurate estimate of the cost of the work, but that it would, I thought, be under $1,500.

I cannot state positively at present how many invitations were sent, but there were not less than six.

In answer to the said invitations, I received five bids, as follows:

John L. Merritt, Purdy's Station	$3,900 00
John Twiname, New York	2,940 00
George H. Bennett, Golden's Bridge	1,587 50
William Gilmore, Croton Falls	1,150 00
Freeman H. Merritt, White Plains	600 00

Mr. Freeman H. Merritt is a responsible person, and I recommend that the contract be given to him.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the contract for clearing grounds of reservoir "M," near Purdy's Station, in the Town of North Salem, Westchester County, N. Y., be and the same is hereby awarded to Freeman H. Merritt, at his bid of six hundred dollars ($600), it being the lowest received and less than the estimate of the Chief Engineer.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the superintendency of the construction of the receiving and distributing reservoir proposed to be constructed in the Twenty-fourth Ward of the City of New York, and known as the "Jerome Park Reservoir," is hereby put in charge of Division Engineer Alfred Craven; the duties of said superintendency to be in addition to the duties now required of him as Division Engineer in charge of the Titicus and Carmel Dams.

On motion of Commissioner Scott, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9888 to 9895 inclusive, amounting to $3,201.83.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, November 7, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9896 to 9907, inclusive, amounting to $412.68, and of estimates contained in Vouchers Nos. 9908 to 9914, inclusive, amounting to $53,696.52.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Scott, the minutes of meetings of October 17 and 24, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, November 14, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in assigning John T. Torpey to duty as Laborer at the Carmel Dams, on November 8, 1894, at two dollars per day, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz.:

1st. Of Heitman & Boese, for transportation of engineering party from Bedford Park to Jerome Park during the month of October, 1894, amounting to twenty dollars ($20).

2d. Of E. Wegmann, Jr., for car fares of engineering party engaged at Jerome Park Reservoir, for the month of November, 1894, amounting to twenty-two dollars and twenty-four cents ($22.24).

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the accompanying bill of Charles H. Halstead for constructing office building at the New Croton Dam, amounting to sixty-eight dollars ($68), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, November 14, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—We will want in connection with the construction of the gate-house at the New Croton Dam a number of cast-iron pieces for the gateways and other openings.

I have asked prices from five firms, whose names and bids follow :

Coldwell-Wilcox Company, Newburgh	3¼	cents per pound.
McNeal Pipe and Foundry Company, New York	3⅛	"
The R. E. Parsons Company, Bridgeport	2.85	"
John Fox, New York	2½	"
Jonson Engineering and Foundry Company, New York	2¼	"

The Jonson Engineering and Foundry Company, the lowest bidders, present the additional advantage that they offer to furnish the cast-iron wanted in thirty (30) days.

The total weight of the iron to be furnished cannot be stated absolutely, as a certain margin is left to the foundry, but it will be close to 87,000 pounds. At the rate per pound, as per the lowest bid, the total amount will consequently be between $1,900 and $2,000.

I respectfully recommend that the Chief Engineer be authorized to order the cast-iron pieces above-mentioned from the Jonson Engineering and Foundry Company.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to order from the Jonson Engineering and Foundry Company the requisite number of cast-iron pieces to be used in connection with the construction of the gate-house at the New Croton Dam, at their bid of two and one-quarter (2¼) cents per pound.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, November 14, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—On November 8, I received from Mr. Freeman H. Merritt, the lowest bidder on the clearing of Basin "M," to whom you had awarded the contract, a note, of which I append a copy, in which he states he cannot do the work for $600, the amount of his bid, which he states is the result of his mistake and of his neglect to properly look over the work to be done.

He states that he cannot do the work for less than $1,500. As no certified check was deposited by the bidder, I do not see how you can hold him to his offer.

The second lowest bidder, Mr. William Gilmore, states that he is ready to do the work at his price of $1,150, provided he is given as much time as would have been given the contractor if the work had been begun immediately after the awarding of the contract.

Mr. Gilmore has no money, as far as I can ascertain, but he is a hard worker, and I do not see that the City is running a risk if you conclude to give the work to him. The season is advancing and we cannot wait much longer, and I recommend that the work be given to Mr. William Gilmore

at his bid of $1,150, and that he be given for the performance of the same twenty (20) days from the time of signing the contract.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has advised us that Freeman H. Merritt, to whom, on October 31, 1894, was awarded the contract for clearing grounds of Reservoir "M," near Purdy's Station, in the Town of North Salem, Westchester County, N. Y., at his bid of six hundred dollars ($600), has declined to execute the contract for doing said work; therefore

Resolved, That the resolution adopted on October 31, 1894, awarding such work to said Merritt, be and hereby is rescinded; and the work is hereby awarded to William Gilmore, at his bid of eleven hundred and fifty dollars ($1,150), he being the next lowest bidder.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, November 14, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—Mr. Dykman has suggested to the Corporation Counsel that the land cases for Reservoir "D" be submitted to the Commissioners of Appraisal, composed of Messrs. Miller, Dean and Thorn, and the Corporation Counsel is willing that it should so be done, but he thinks that there should be in his office some record of the fact that the Aqueduct Commissioners desired the land as soon as possession could be obtained.

In view of the importance of securing such rights as are necessary for the speedy construction of the system of roadways and for other purposes, I respectfully recommend that the Corporation Counsel be communicated with for the purposes above indicated.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That, in the opinion of the Aqueduct Commissioners, it is necessary that possession of the land required for highways and other work at Reservoir "D" should be obtained at the earliest possible moment, and the Counsel to the Corporation is requested to take the requisite steps to acquire such possession as soon as possible.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bills of Charles S. Cowen, Division Engineer, for incidental expenses incurred by him, amounting, respectively, to fifteen dollars and one cent ($15.01) and ten dollars and eighty-seven cents ($10.87), are hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill of Joseph R. Swain for board, transportation and incidental expenses incurred by him while employed as an Inspector of Masonry on the New Aqueduct, and interest thereon, amounting to four hundred and nineteen dollars and fifty-two cents ($419.52), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 10 of the Town of Yorktown, Westchester County, N. Y., for the year 1894, amounting to thirty-two dollars and thirty-seven cents ($32.37), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 3 of the Town of Cortlandt, Westchester County, N. Y., for the year 1894, amounting to sixty-nine dollars and sixty-seven cents ($69.67), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented final plan sheet, described as "Exhibit No. 7 of 1894," submitted by the Commissioner of Public Works on November 12, 1894, showing certain additional parcels of land required for the construction of Double Reservoir "I," on the East Branch of the Croton river, in the Town of South East, Putnam County, N. Y., and recommended the adoption of the following resolution :

Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet, showing certain additional parcels of land required for the construction of Double Reservoir "I," on the East Branch of the Croton river, in the Town of South East, Putnam County, N. Y., and direct that the same be duly certified and filed in this office and designated "Final Plan Sheet No. 7 of 1894"; and that a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office, as required by section 25 of the aforesaid act.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Committee also presented six similar property maps, submitted by the Commissioner of Public Works on November 12, 1894, showing certain additional parcels of land required for the construction of Double Reservoir "I," on the East Branch of the Croton river, in the Town of South East, Putnam County, N. Y., and recommended the adoption of the following resolution :

Resolved, That the six similar property maps received from the Commissioner of Public Works on November 12, 1894, showing certain additional parcels of land required for the construction of Double Reservoir "I," on the East Branch of the Croton river, in the Town of South East, Putnam County, New York, be and the same are hereby approved and adopted, and directed to be certified to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps; and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Scott and Cannon—4.

The Comptroller, under date of October 31, 1894, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for—

Reservoir "M"	$336 37
Cornell Dam	425 00

And stating that bonds had been issued for the credit of the "Additional Water Fund," as follows:

October 4, 1894	$40,000 00
October 30, 1894	50,000 00
Leaving a balance to the credit of said fund of	14,795 51

Which was ordered entered upon the books of the Commissioners andfiled.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9918 to 9928, inclusive, amounting to $715.29.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, November 21, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing E. D. Buel as Laborer at Reservoir "M," at two dollars per day, to take the place of T. L. Henry, who left the work, his employment to date from and include November 15, 1894, be and hereby is approved.

On motion of Commissioner Scott, the same was adopted.

The Committee also presented the following communication received from the Chief Engineer :

NEW YORK, November 21, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—I find it necessary to make more borings on the site of the proposed Jerome Park Reservoir and of the new section of the aqueduct to be built in connection therewith, and beg to recommend that I be authorized to employ the labor needed for a second boring outfit and for the opening of test-pits.

Five men, possibly six, will be wanted for the borings, and their compensation is to be about the same as is now paid to Mr. Sager and his men, and twelve (12) common Laborers are required for the digging of the test-pits.

I would also ask you to authorize me to procure the necessary tools and supplies and to pay for the necessary transportation of the appliances, a few of which, including a portable boiler, are now stored at the New Croton Dam.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the authority asked for by the Chief Engineer in his communication as above set forth be and hereby is granted to him.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Coleman & Washburn & Washburn, for two bags of cement, amounting to one dollar and forty-five cents ($1.45).

2d. Of Mrs. C. S.Gowen, for six months' rent of stable at Sing Sing, amounting to thirty dollars ($30).

3d. Of E. E. Birch, for eighty-one loads of manure removed from his place near Brewster Dams, in abating nuisances, amounting to forty dollars and fifty cents ($40.50).

4th. Of Robert L. Fraser for transportation and board, amounting to thirty dollars and eighty-nine cents ($30.89).

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of James S. Coleman, contractor, for labor performed and material furnished in laying cast-iron pipe at the New Croton Dam to keep up the water supply of Sing Sing prison while the Old Croton Aqueduct was discontinued, amounting to one thousand and eight dollars ($1,008), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted :

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, an extension of time to December 11, 1894, be and hereby is granted to William Gilmore in which to complete his contract for clearing grounds of Reservoir "M," near Purdy's Station, in the Town of North Salem, Westchester County, N. Y.

On motion of Commissioner Scott, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9929 to 9939, inclusive, amounting to $366.98.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, November 28, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing the following-named persons as Laborers, on the dates and at the rate of compensation hereinafter named, for work at the Jerome Park Reservoir, be and hereby is approved :

NAME.	DATE OF EMPLOYMENT.	COMPENSATION PER DAY.
John Farrell	November 22, 1894.	$2 00
Abraham Pratt	" 22, "	2 00
Joseph Croyhan	" 22, "	2 00
Lawrence Donohue	" 22, "	2 00
Frank McKay	" 22, "	2 00
Thomas Barry	" 22, "	2 00
John Rush	" 22, "	2 00
Thomas Gormley	" 23, "	2 00
Martin Platt	" 23, "	2 00
Thomas Shay	" 23, "	2 00
John Trainor	" 23, "	2 00
Lawrence McCarroll	" 23, "	2 00

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing the following persons on the dates and at the rates of compensation hereinafter named, for work at the Jerome Park Reservoir, be and hereby is approved :

NAME.	RANK.	DATE OF EMPLOYMENT.	COMPENSATION PER MONTH.
George Hammond	Foreman	November 22, 1894.	$100 00
James Safford	Laborer	" 22, "	65 00
William Miller	"	" 23, "	65 00
Stephen Washburn	"	" 26, "	65 00
George Clair	"	" 26, "	65 00
John Ragan	"	" 26, "	65 00

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging Frank McKay and Thomas Gormley, employed as Laborers on the test-pits at the Jerome Park Reservoir, on November 23 and 24, respectively, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the name of Joseph Lentilhon, Jr., employed as Laborer at Carmel, as appears upon the pay-rolls of this Commission, be and hereby is ordered changed to read J. deT. Lentilhon.

On motion of Commissioner Cannon, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, November 27, 1894.

To the Honorable the Committee on Construction :

GENTLEMEN—The masonry part of the record vault at the New Croton Dam being finished, it is now necessary to complete it by providing the roof and fire-proof doors, and all the shelving and drawers wanted for the proper filing of plans, field-books, correspondence and other documents which must be protected from fire.

The Division Engineer has procured for the above work complete, in accordance with the plans in his office, two bids, as follows :

Charles Halsted, Sing Sing	$350 00
Daniel Carpenter, Sing Sing	299 00

I respectfully recommend that the work be given to Daniel Carpenter, and that the Chief Engineer be authorized to order the work from him.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the work above referred to be and hereby is awarded to Daniel Carpenter, at his bid of two hundred and ninety-nine dollars ($299), it being the lowest bid received for doing said work ; and the Chief Engineer is hereby authorized to order said Carpenter to do said work.

On motion of Commissioner Scott, the same was adopted.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, December 5, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of L. W. Elliott, for lumber for use of Croton Survey Party, amounting to four dollars and seventy-nine cents ($4.79).

2d. Of Samuel Hopkins, for transportation and board, amounting to thirty-one dollars and forty-four cents ($31.44).

3d. Of William James, for transportation and board, amounting to eighty-one dollars and four cents ($81.04).

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 9 of the Town of Greenburgh, Westchester County, N. Y., for the year 1894, amounting to eleven dollars and thirty-five cents ($11.35), hereby is approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9959 to 9970, inclusive, amounting to $604.61.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, December 12, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, a further extension of time to December 31, 1894, be and hereby is granted to William Gilmore in which to complete his contract for clearing grounds of Reservoir "M," near Purdy's Station, in the Town of North Salem, Westchester County, N. Y.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That that part of the resolution adopted on October 31, 1894, having reference to the bill of George Juengst & Sons, be and hereby is ordered changed to read forty-four dollars and ninety cents ($44.90), instead of forty-five dollars ($45).

On motion of Commissioner Cannon, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9973 to 9979, inclusive, amounting to $339.49; and of estimates contained in Vouchers Nos. 9980 to 9985, inclusive, amounting to $35,998.83.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of October 31, November 7, 14, 21 and 28, 1894, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, December 19, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following resolution:

Resolved, That John L. McCartney, employed as Laborer on the Upper District, is hereby discharged, for lack of work, as of December 14, 1894.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication received from the Chief Engineer:

NEW YORK, December 19, 1894.

To the Honorable the Committee on Construction:

GENTLEMEN—The floods, due to the rains of last week, have lifted from its piers one of the bridges which are now essential for traffic through the valley on the site of Reservoir "D."

As it is advisable to keep that road open as long as possible, Contractors Coleman & Washburn & Washburn have been directed to secure the bridge so that it can be used again when the water goes down.

This is to ask you to authorize me to do in a similar manner whatever may be necessary in the future to save this bridge, so that the traffic can be restored after the Spring's waters subside.

I am, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution:

Resolved, That the action of the Chief Engineer, as above set forth, be and hereby is approved, and he is hereby authorized to do such work in the future as may be necessary to save the bridge above referred to.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Smith, Brown & Coleman for extra work in connection with changes made in the construction of the superstructure of the New Croton Gate-house, amounting to two hundred and eighty-eight dollars and twenty cents ($288.20), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Assistant Engineer F. N. Speyer, for reports on nuisances in the Croton water-shed, amounting to twenty dollars ($20), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 7, of the Town of Yorktown, Westchester County, N. Y., for the year 1894, amounting to five dollars and thirteen cents ($5.13), hereby is approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

1st. Of Heitman & Boese, for transportation of Engineer Corps, employed at Jerome Park Reservoir, amounting to twenty dollars ($20).

2d. Of J. E. Barlow, for sundry articles of hardware for use of diamond drill party at Jerome Park Reservoir, amounting to nineteen dollars and seven cents ($19.07).

3d. Of Seth Hoyt, for cleaning privies at Katonah, amounting to sixty-five dollars ($65).

4th. Of Mrs. John J. Hanney, for washing towels for office of New Croton Dam Division, amounting to eight dollars and sixty-two cents ($8.62).

5th. Of Coleman & Washburn & Washburn, for two bags of cement for use on Upper District, amounting to one dollar and forty-five cents ($1.45).

6th. Of L. Short, for five negatives and two prints of each of views of work at New Croton Dam, amounting to fifteen dollars ($15).

7th. Of E. Wegmann, Jr., for car-fares of engineering party at Jerome Park Reservoir, amounting to thirteen dollars and twenty-nine cents ($13.29).

8th. Of R. L. Fraser, for board, amounting to twenty-five dollars and twenty-four cents ($25.24).

9th. Of William James, for board, amounting to twenty-five dollars and twenty-four cents $25.24}.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following-named persons, now employed as Laborers in the Engineer Corps, are promoted to the grade of Axemen, at a salary of sixty dollars ($60) per month, the same to take effect on and after January 1, 1895 :

DeWitt Benedict.	P. H. Coolidge.	E. D. Buel.
Arthur S. Child.	Charles Clark.	John F. Torpey.
E. J. Wulff.	Noah Cummings.	Robert Hoyt.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That, upon the recommendation of the Chief Engineer, Julian Thornley, now employed as Chainman in the Engineer Corps, is hereby promoted to the grade of Rodman, at a salary of seventy-five dollars ($75) per month, he having been certified by the Civil Service Commission as eligible for such promotion, the same to take effect on and after January 1, 1895.

Resolved, That, upon the recommendation of the Chief Engineer, August Jadin, now employed as Axeman in the Engineer Corps, is hereby promoted to the grade of Rodman, at a salary of seventy-five dollars ($75) per month, he having been certified by the Civil Service Commission as eligible for such promotion, the same to take effect on and after January 1, 1895.

On motion of Commissioner Tucker, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Richard Baldwin, Jr., now employed as Transitman in the Engineer Corps, is hereby promoted to the grade of Assistant Engineer, he having been certified by the Civil Service Commission as eligible for such promotion, his salary, however, to remain the same as that now being paid to him, the same to take effect on and after January 1, 1895.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the salary of Edward L. Allen, Secretary, be and hereby is increased from thirty-five hundred dollars to four thousand dollars per annum, the same to take effect on and after January 1, 1895.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the salary of Jefferson Groub, Purveyor and Assistant to the Secretary, be and hereby is increased from two thousand dollars to two thousand five hundred dollars per annum, the same to take effect on and after January 1, 1895.

On motion of Commissioner Scott, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the salary of George B. Bosworth, employed as Clerk in the office of the Chief Engineer, be and hereby is increased from twelve hundred dollars to fifteen hundred dollars per annum, the same to take effect on and after January 1, 1895.

On motion of Commissioner Cannon, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9986 to 9992, inclusive, amounting to $139.68; and of estimate contained in Voucher No.9993, amounting to $666.90.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 206 Stewart Building, on Wednesday, December 26, 1894, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Cannon.

The Construction or Executive Committee recommended the adoption of the following preamble and resolution:

Whereas, Application has been made by Coleman and Washburn and Washburn, assignees of Michael S. Coleman, contractor, for an extension of time for the completion of the contracts for building an earth and masonry dam for Reservoir "D," on the west branch of Croton river, near Carmel, New York, and for building an auxiliary earth and masonry dam near Craft's Station, for Reservoir "D," Town of Carmel, Putnam County, New York, and the Chief Engineer having recommended that an extension of time to August 1, 1895, be granted; therefore,

Resolved, That the Aqueduct Commissioners hereby grant to Coleman and Washburn and Washburn, assignees of Michael S. Coleman, contractor, an extension of time to August 1, 1895, in which to complete the contracts above referred to, providing their bondsmen shall, within ten days from the date hereof, enter into stipulations containing their obligations for and during the completion of said contracts under said extension of time, which is hereby allowed to them as further time for the performance of said contracts; and providing, also, that said contractors will take, at their own expense, all precautions for doing the work in cold weather as may be ordered by the Engineer, and that they will waive all claims for damages whatsoever on account of any raising or lowering of the water in the reservoir that the Commissioners or their Engineer may order, or from such injury or damage as may be caused by the action of the elements; and provided, also, that if any damage is done to their work by such cause, they will waive all claim for compensation on account of damage, loss of time, or on account of other losses which they may incur from the rising of said water; and provided, also, that they will take, at their own expense, such precautions for protecting the gates at said dams, by boxing or otherwise, as may be ordered by the Engineer.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That, upon the recommendation of the Chief Engineer, J. de T. Lentilhon, now employed as Laborer in the Engineer Corps, is hereby appointed Rodman in said Corps, at a salary of seventy-five dollars per month, he having been certified by the Civil Service Commission as eligible for such appointment, the same to take effect on and after January 1, 1895.

On motion of Commissioner Cannon, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 9998 to 10009, inclusive, amounting to $253.82.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the minutes of meetings of December 5 and 12, 1894, were ordered approved.

On motion of Commissioner Scott, the meeting was then adjourned to Friday, December 28, 1894, at 3 o'clock P. M.

EDWARD L. ALLEN, Secretary.

NOTE—On Friday, December 28, 1894, Commissioners Duane, Tucker, Scott and Cannon were present.

There being no business before the Commissioners, the meeting was adjourned to the next stated meeting to be held on Wednesday, January 2, 1895.

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